

4-13-1988

Newspeak Volume 16, Issue 10, April 13, 1988

The Students of Worcester Polytechnic Institute

Follow this and additional works at: <http://digitalcommons.wpi.edu/newspeak>

Recommended Citation

The Students of Worcester Polytechnic Institute, "Newspeak Volume 16, Issue 10, April 13, 1988" (1988). *Newspeak All Issues*. Book 365.

<http://digitalcommons.wpi.edu/newspeak/365>

This Book is brought to you for free and open access by the Newspeak at DigitalCommons@WPI. It has been accepted for inclusion in Newspeak All Issues by an authorized administrator of DigitalCommons@WPI.

Living with fear in the Soviet Union

by Stephen Nelson
Production Editor

Along with the freedoms granted Americans by the Bill of Rights such as freedom of speech and freedom of press goes another right, freedom from fear.

Americans have no idea what it is like to fear their government and to fear the people around them reporting their actions to the government. Sure, you may be afraid of getting caught cheating on your income taxes or of getting caught speeding, but that's not the same as being afraid when you ask a new friend to come to your home. Even though the Soviets now benefit from Glasnost and Gorbachev's other reforms and I can refute many of the stereotypes of Soviet government envisioned by the average American citizen, I cannot deny that Soviets are spied upon in their own country and their own homes by other Soviet citizens.

Many of us in the tour group, including myself, met people on the trip who invited us

back to their apartments. Many of us also had the experience of being told not to speak at all between the time we entered the building and entered the apartment. This was because our new found friends were afraid of anyone knowing they had brought Americans into the building. In the apartment I visited we did a little filming of the gentleman's collection of World War II souvenirs that he had collected in the woods outside Moscow. He was very proud of this collection and was very happy that we wanted to film it but was worried that the KGB might view the film during the customs inspection upon our exit. On the street the Soviets were not at all afraid of approaching us but when we were somewhere someone might overhear us they were more timid.

Near the end of our stay in Leningrad I was approached by a computer engineer on vacation from Siberia. She wished to purchase some American cigarettes to take home with her as presents but as a Soviet citizen she could not purchase them in the hotel's berioska shop.

She asked me if I could buy them for her and then she would pay me in rubles.

During our trip, Soviets wanting to trade for cigarettes was not uncommon but money adds a new twist. Paying me for cigarettes is a different matter than trading some small souvenir item like a pin or lacquer box because trading is somewhat legal but buying is not. A gentleman standing near us seemed very interested in our conversation and both the woman and I were frightened when the elevator the gentleman was waiting for came and he would not get on. We were frightened because we knew what we were doing was illegal and we had no idea if this gentleman was KGB. I never knew before what it was like to be afraid to just talk with someone for fear of who might be listening.

The Soviets live with this fear everyday. I don't mean they have to watch everything they say but they do have to be careful speaking about politics and governmental matters.

Ten years ago Stalin was pictured every-

where and praised as one of the founding fathers of the Soviet Union, now hardly anyone has anything to say about him. It's not just because he did hurt the forming government but it is also now the "official" attitude towards Stalin that all citizens are expected to take, never mind that ten years ago they were expected to revere him.

I now realize that dozens of people may have been watching us during our trip but as Americans we would not have expected this and would not have looked out for it. One of the people I met who had worked as a tour guide told me our guide was required to file a KGB report on us after we left.

To be watched anytime, anyplace, anywhere. Americans do not realize how lucky they are not to have to worry every minute about their actions. Not to worry the next person they deride Reagan to works for the FBI. Not to worry about getting in trouble asking a stranger for cigarettes.

WPI Newspeak

The Student Newspaper of Worcester Polytechnic Institute

Volume 16, Number 10

Wednesday April 13, 1988

Wellness
Day '88

Thursday, April 14

They said it could be done

by Professor Louis Curran
and Steve Cabral

With a minimum of hitches, the 1988 Tour of Europe by the WPI Music Department came off as a resounding success! From an era in 1968 when the atmosphere was "You want to make a tour of New Jersey? What for?" to some seventy-six musicians picking up tubas, tympany, music stands and luggage on their way to France and Belgium — what a marvelous change!

On the sixth of March, two bus loads of musicians left Alden Hall for Logan Airfield and Icelandair. The travel agent, Educational Travel Inc., had prepared a tour which included concerts, travel, "hotels", etc. — the adventure of undergraduate days. Besides, the price was right: from the 7th to the 15th with all expenses paid for \$750.00. Air fare alone usually runs around \$550.00.

With the unloading of all the equipment, people, and luggage came the bad news: the plane was "a little late". It was originally to leave at 10:45. "Late" meant that it was to leave at 5:30 a.m.: a night at the airport! What a start! Needless to say, this drew explosions from Professors Weeks, Falco, and Curran, which saw the situation resolve itself into a bargain with Icelandair in New York and Luxembourg, via telex.

We agreed to be the guests of Icelandair for dinner, calmly wait for the plane, and the airline would put us up in "an hotel" at the airport in Luxembourg as soon as we arrived there. We would all need the rest, as we all had concerts on the 8th in Brussels. The flight finally left at 6:15 a.m. on the 7th and, after changing money, flashing passports, etc. in Luxembourg airport, busses took us to the nearby Sheraton, a lovely hotel with only luxury — and a bar! The Americans put the luggage away, then proceeded to put away the local

brew, while members of the Stage Band put on an impromptu jam session with the local pianist in that elegant pub. The next morning, accompanied by a duo of tour guides, we left for Belgium on a pair of busses.

The Belgian Radio and Television station, which hosted the first two concerts, contains two truly marvelous concert halls. The large hall, where the Brass Choir and Glee Club concert was held, could accommodate a full symphony, a four manual organ, a huge chorus, and seats for some eight hundred in the audience. There the program was well received, and for the musicians, the availability of a full refrigerator of beer, bottled water, orange juice, wine, etc. — just there for the musicians — was unheard of. Equally unheard of was the two huge bouquets of flowers for Professors Weeks and Curran at the end of the program.

The second night saw the Glee Club in their white ties once again in the smaller studio, broadcasting before a live audience. The radio station had invited the musicians, on both nights, for sandwiches before the programs, which was greatly appreciated. This operation was in a building which was a city block wide, and is fantastic in its equipment and transmission power. For the keyboard musicians in the groups, the presence of four of the largest Bosendorfer grand pianos (9'6", with four extra notes in bass) meant untold wealth — all on the same stage.

After exploring the great city of Brussels, all of the musicians left on the 10th for Caen, France, on the Normandy coast. At the border, we were expecting a rigid inspection with our

(continued on page 5)

Stage band tours Europe

by Thomas Tessier
Newspeak Staff

During Spring Break while most people went home to relax, several of our friends were able to get away and tour Europe. The WPI Stage Band, the Men's Glee Club, and the Brass Choir were three groups from WPI which were able to go abroad. Twenty students from the Stage Band, forty students from the Men's Glee Club, and more than twenty students from the Brass Choir all participated in an enjoyable ten days in foreign countries. While each group performed in different European towns, they often came together for special events.

After talking with Jon Waples, President of the Stage Band, and Raymond Chin, a

leading percussionist of the group, I discovered the adventures that lay ahead for the group. They left late from Logan Airport and landed in Iceland which they noted was lacking in trees. Unfortunately, one of their instruments, a baritone saxophone, was bent in the transition and was rendered unplayable.

They spent their first night in Luxembourg, where they happened to come across a fellow named Angelo, who allowed them to sit in on a few songs. This led to their performance in a hotel lounge. They were well received and drank Bofferding, which is a Luxembourg beer.

Brussels was next on the list where the local townspeople loved them, and they discovered Duvel, one of the four hundred and

(continued on page 6)



NEWSPEAK STAFF PHOTO/MEGAT ABDUL RAHIM

Last Wednesday, Alden Hall was the site of the Annual Cultural Festival. The festival featured dancing (above), fashion shows, food, and displays from many different countries. Besides the attendance by the WPI community, high school students also attended this very successful event. The food was great, the events entertaining, and the turnout fantastic.

To: The WPI Community
From: Bernard H. Brown
Vice President for Student Affairs

On Wednesday, April 13, the WPI Admission Office will host its "Accepted Candidates Day" for newly accepted WPI students and their parents. With approximately 600 to 700 students/parents expected, parking will be a major concern.

I would like to ask that all faculty and staff (with the exception of those with medical concerns) attempt to park in the periphery parking lots belonging to WPI, in particular the lower library lot.

Campus Police officers will be located at the entrance to the Quadrangle in order to direct you appropriately. The main Quadrangle will be used as the major parking location for all participants in the program.

With the cooperation of all members of the WPI community, you can assist the College in not only welcoming our visitors to our campus, but allowing them "a closer look" at our campus community.

I appreciate your cooperation with this very important Admissions Office program.

Chapman named Director of Athletics at WSC

by Helen Webb
Associate Editor

Susan Chapman, Assistant to the Athletic Director for Women's Athletics and coach of the field hockey and softball teams, has been named Director of Athletics for Worcester State College. She will assume her new position September 4.

When Chapman came to WPI in 1975 after working for several years for the University of Massachusetts to help with the fledgling women's athletic program, there were only 125 female undergraduates here and only a couple of club sports for the to participate in. Since then, the female population has almost quadrupled and there now are eight varsity

sports for women. Women's teams have two full-time coaches (including women's basketball and tennis coach Naomi Graves.) Other women's sports, including volleyball, have part-time coaches.

Chapman says she will miss WPI, but that an offer comparable to the one from Worcester State comes, "very rarely — perhaps once in a lifetime." She says that WPI has been an excellent place to coach and that the experience she gained here was excellent. Although she admits she was apprehensive about being the only female staff member in the athletic department when she came to WPI, she says "the other members of the department have always been very supportive of women's athletics here."

As Director of Athletics, Chapman will be responsible for 18 varsity sports for men and women. Her greatest challenge, she feels, will be getting support from the administration of Worcester State to hire full-time coaches, since currently staff members part-time. Since Worcester State is mostly a commuter school and most students hold jobs, it is difficult to recruit student athletes. However, Chapman plans to help the individual team coaches in their recruitment efforts.

Chapman says she will miss coaching, but adds, "perhaps there will be coaching in my future." She also enjoys administrative work, and looks forward to the challenges it will afford her at Worcester State.

EDITORIAL

Designated smoking areas needed at WPI

A few weeks ago, *Newspeak* published a Letter to the Editor which addressed the idea of creating no-smoking areas on campus. Considering that in many states across the nation, laws have recently been passed that regulate or prohibit smoking in designated areas, the WPI administration should create areas on campus that would be considered smoke-free while leaving areas which smokers can use.

In many neighboring states, smoking is prohibited in offices and certain sections of businesses such as restaurants. Even some colleges are considering creating no-smoking areas on campus. In one such example, a college went so far as to prohibit smoking at outdoor athletic facilities. Although this may be a bit extreme, most will agree that there are many areas on campus where smoking should not be permitted.

One such example is the two dining facilities in Morgan and Founders. As there are a vast majority of students at WPI do not smoke, the dining areas are usually smoke-free. However, once in a while one can walk into daka and see someone smoking, most often an employee of WPI. When people are eating, someone else's smoke can be a very unappetizing odor. For the short amount of time most people spend in daka, asking that they not smoke should not be a problem.

Another area, as suggested in the Letter to the Editor, is the lounge in Salisbury Labs. A certain section of the lounge should be set aside for smoking so that students who meet in this area and do not smoke will not be driven away.

Other areas that should be designated as non-smoking are classrooms, offices, the library, and the wedge. Although many of these areas are already smoke-free, WPI should make a policy about smoking in campus facilities, where students can smoke and where smoking is prohibited. For people with asthma or allergies, smoking can cause reactions that can be very serious and for those students who just do not like the smell of a cigarette and are concerned about their health, WPI should promote healthy environments. Finally, for those students and members of the WPI community who do smoke, they should not be ostracized and set apart, but their habits should not be allowed to be a health hazard for those who do not smoke.

Paper strays from important issues

To the Editor:

Newspeak is Worcester Polytechnic Institute's student newspaper, which has the "purpose to keep the campus informed about all issues that are important to the people of the WPI community, especially the students." Recently several articles in *Newspeak* have not shown that they fit into the above guidelines. And the topics seem to stray from important and relevant issues on campus and around the world.

I have seen many great improvements in the quality and growth of *Newspeak* in the last couple of years and I feel, as well as many others, that it should continue to follow this productive path. Although as the paper moves forward, there seems to be a few inconsistencies that are damaging to the newspaper's reputation and individuals within the WPI campus. These shortcomings cannot be overlooked.

Everyone enjoys reading exciting and controversial articles that directly concern them, but not at the expense of other's credibility (such as the reputation of a student, professor, club, organization, fraternity, etc.) I know I speak for a lot of students when I criticize the commentary section, "My View from Morgan Fourth." Who really gives two shits about his opinions and his "exciting" life? The author clearly falls short of finding an interesting or

even useful topic for his articles. Maybe the editors should look at the need to have this column in the newspaper each week.

At WPI some students choose to be involved in extra-curricular activities such as sports teams, clubs, organizations and various committees while others do not. There is no reason to look down or criticize those people who do or do not. Some students are more interested in strong academics, others enjoy the more social aspects of life while some have a mix of interests. It is a lot easier to praise each person for who they are; as an equal and a fellow student.

Newspeak is a very useful and informative means of communication on the WPI campus. Again, the paper is moving forward but I feel, as well as many others, that the selections of material appearing on the pages of *Newspeak* should follow its "purpose" more clearly. Accusations and negative criticism should be eliminated while supportive and informative articles should be more developed. The paper's coverage should encompass the entire campus and be unbiasedly written about the students, both Greeks and non-Greeks, the faculty and staff, and any relevant local, national, or international news.

Peter Mullen, '89

Author defends INXS review

To the Editor:

In response to the attempt last week by Fred Scheider to denounce the credibility of my INXS review, I have this to say: "I call 'em as I see 'em.'" First, let's look at Public Image Limited's actual performance. They sounded as though they only knew one song, and they played it over and over and over... The intermission was more exciting. Now, on the Sex Pistols, they are really not that bad...if you're burning in hell and the only thing you have to drown out the sound of burning flesh and people moaning and screaming is Johnny Rotten singing off key. And they're probably better than the damn construction machinery that's been going on outside my window all week-probably. Trying to revive your argument by going to a Rolling Stone list could only hurt you. Just how did Rolling Stone come up with its list? By taking a credible national survey? Nah, too

expensive. By compiling Billboard lists? Nah, too numerically precise and time consuming. By combing the biased instincts and prejudices of their editors? Probably. And I wonder just where did they get their instincts and prejudices, now. Gee, who could that be. Ah, let me take a shot at it. Maybe...SATAN. BEELZEBUB. LUCIFER. Prince of Darkness. Yeah, I think we can throw this whole Rolling Stone thing out the window, can't we Fred. Finally, I like singers because they are good songwriters, they have good voices, and because they stir something inside. Not, I repeat, not by the amount of times they can be arrested or by the per capita consumption of drugs in the band.

Monte Klumper, '91

LETTERS

Student expresses outrage at Fool's edition

To the Editor:

I was disgusted by the latest display of shoddy journalism demonstrated by the *Newspeak* staff.

Newspeak has demonstrated it is classist through its discriminatory attitude toward working class people by depicting plant service workers as lazy, both in the April fool edition and previous editorials.

The author of Pulsar has demonstrated throughout the year his misogynist attitude through his Pulsar cartoon. Especially the scene "on your knees bitch" - implying forced oral intercourse, another form of rape. Also the author has demonstrated his racist attitude toward blacks by reducing men to super sexual studs and by drawing the villain in black.

Newspeak has contributed to the misogynist attitude, referring to Becker Jr. College and other women as sexually permissive in aforementioned issue.

One can not justify this trash printed with student funds. Nor can one use the flimsy excuse "April fools" to depict human beings as inferior and subject to degradation on the basis of skin color, gender or occupation.

Joanne F. Nako
Transfer Student

Editor's Note: The previous editorials did not call the plant service workers lazy, but pointed out some problems that do exist on campus, while giving credit to those who excel at their jobs. The April Fool's edition is meant to lampoon peccadillos on our campus, not to degrade anyone. Finally, the majority of our funding comes from advertising that our staff solicits. *Newspeak* welcomes any WPI student who would like to join our staff and give input to the newspaper.

Nudespeak and Pulsar a spoof

To the Editor:

This letter is in anticipation of the letters I am sure you will receive in regards to your April Fools Issue entitled *Nudespeak*. I would like to begin first by saying that although I did feel certain portions of the paper were indeed unnecessary and slanderous, I also felt that overall, the issue was both humorous and well presented. (particularly Amber!) Congratulations should go to all the participating editors, especially Editor-in-Chief Jacqueline O'Neill, whose handling of the whole affair was an excellent display of both her grace under pressure and her professional aplomb.

I would like to add, however, that the eight panels of Pulsar appearing in the aforementioned issue were in no way a continuation of the regular storyline, and that it should NOT be taken seriously. I am sure there were many people who were offended by this episode, and I am sorry that they feel this way, but to take umbrage at such a blatantly obvious spoof, or

to derive notions of "latent pornography" from a cartoon appearing in a paper called *Nudespeak* is not only ludicrous, but in my view, quite paranoid. To focus one's attention on a once per year comic strip while dramatically more pressing issues demand our attention seems intensely superficial, if not indicative of a need for public attention.

I do not target this letter at any persons in particular, but rather at the small number of individuals who have expressed their opinions to me in the past week. Please, people. I would never suggest the restriction of one's freedom of speech, but if you feel the need to revolt, why not direct this urge to something creative? Get involved on campus, at home, in a local charity, etc. Believe me, it can be far more rewarding personally.

Señor Allende

Newspeak

The Student newspaper of Worcester Polytechnic Institute
Box 2700, WPI, Worcester, Massachusetts 01609
Phone (617)793-5464

Editor-in-Chief
Jacqueline O'Neill

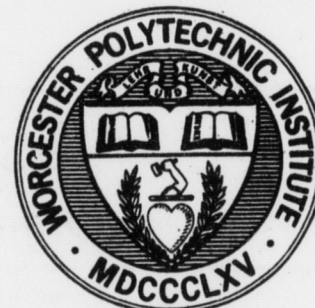
Sports Editor
Roger Burleson

Features Editor
Jeffrey Coy

News Editor
Bob Vezis

Writing Staff
Senor Allende
Mike Barone
Robert Bennett
Andrew Ferreira
Brian Freeman
Jeff Goldmeier
Monte Klumper
Tony Pechulis
Robert Petrin
Gary Pratt
Eric Rasmussen
Michael Slocik
Joshua Smith
Thomas Tessier
Mike Wroblecki

Secretary
Bridget Powers



Circulation Manager
Tim DeSantis

Business/Advertising Editor
David Perreault

Business Staff
Alan Brightman
Diane Legendre
Minette Levee

Graphics Editor
Gary DelGrosso

Graphics Staff
Chris Savina
Michael Slocik

Faculty Advisor
Thomas Keil

Photography Editor
Chris Pater

Associate Photo Editor
Rob Sims

Photography Staff
Lars Beattie
Steve Brightman
Jim Calarese
K. Christodoulides
David Cohen
Athena Demetry
Megat Abdul Rahim
Rob Standley
Laura Wagner
Jon Waples
Ron Wen

Production Editor
Stephen Nelson

Associate Editors
Mark Osborne
Helen Webb
Jim Webb

WPI *Newspeak* of Worcester Polytechnic Institute, formerly the *Tech News*, has been published weekly during the academic year, except during college vacations, since 1909. Letters to the editor should be typed (double-spaced) and must contain the typed or printed name of the author as well as the authors signature and telephone number for verification. Students submitting letters to the editor should put their class after their name. Faculty and staff should include their full title. Letters deemed libelous or irrelevant to the WPI community will not be published.

The editors reserve the right to edit letters for correct punctuation and spelling. Letters to the editor are due by 9:00 a.m. on the Friday preceding publication. Send them to WPI Box 2700 or bring them to the *Newspeak* office, Riley 01. All other copy is due by noon on the Friday preceding publication.

Newspeak subscribes to the Collegiate Press Service. Typesetting is done by Typesetting Services, Providence, RI. Printing is done by Saltus Press. First Class postage paid at Worcester, Massachusetts. Subscription rate is \$18.00 per school year, single copies 75 cents within the continental United States. Make all checks payable to WPI *Newspeak*.

LETTERS

Confusion about winter parking ban

To the Editor:

I am writing this letter in response to your announcements concerning the winter parking ban in the March 29th and April 5th editions of *Newspeak*.

The winter parking ban prohibits parking on the even numbered side of the street from 2:00 a.m. to 6:00 a.m. from December to March 31st. (It also prohibits parking during snowstorms or after 2 inches of snow.) Only exceptions to this rule are posted. On major non-residential arteries such as Belmont Street or Grove Street, parking is prohibited on both sides from December to April 30th.

Yes, the winter parking ban ends April 1st but only for some streets. You guessed incorrectly that, "...this street is no different from other WPI streets." Institute Road, our closest neighbor, is an exception to the rule. I am surprised that you did not mention that Institute maintains the parking ban until April 30th.

(Does city employee #480 who regularly issues tickets in this area, Mr. Holmes, appear on your payroll?) I certainly hope that you make it a priority to correctly and completely identify Worcester's winter parking regulations in the upcoming years of *Newspeak*. Hopefully these \$10 parking lessons can be avoided by newcomers.

Dylan Michael Monaghan '91

Editor's Note: Newspeak has called the Worcester Police department twice. Once they said the ban ended on April 1st, while the second time they said it had ended on March 1st. They did not mention that the ban ended at different times on different sheets. Newspeak apologises for any inconveniences that may have been caused to our readers.

Seniors upset with graduation plans

To Members of the Senior Class:

Last week we all received notice concerning this spring's commencement, and we're sure many of you were as disheartened as we were to learn of the present plans for our graduation. In particular we are disappointed that the ceremonies are to be held indoors regardless of the weather and that each graduate is allowed only three guests.

We have approached several of those "in the know," including several of our Senior Class Officers, in hope for some explanation of the plans. In our opinion the explanations given us lack credibility and warrant further consideration. It appears that the plan for an indoor ceremony is due largely to the fact that wet weather befell the previous two spring commencements, and set-up costs for both indoor and outdoor ceremonies neared \$10,000. While we understand the problems and inconveniences associated with rain on outdoor assemblies, we feel it is less than appropriate that chance should govern the plans for such an important event in our lives. Furthermore, volunteer labor could greatly reduce the cost of relocating the seating and equipment.

The previous two years have seen preparations for graduation inside and outside. That is, the graduation set-up was not moved, rather both an indoor and outdoor set was made and

arranged. The cost for the unused outdoor set was about \$10,000, and this year's committee chose to eliminate the extra expense by planning for an indoor ceremony only. Due to ever-expanding class size, it has become necessary to allow each graduate only three guests. Our class size has been known for four years, and it seems that other options such as Worcester Auditorium or the Centrum were not fully explored. A five-minute phone call showed that both options might be feasible, had plans been made well in advance.

Although it is late in the year and the plans for graduation have been set, there remains more than a month to make a difference. If you are as unhappy with present plans as we are, please do not hesitate to contact your class representatives, Janet Richardson, President Strauss or us with your comments, questions and suggestions immediately. Remember that your parents and relatives can also contribute suggestions, so encourage them to contact those listed above. These relatives may be the people excluded from your graduation if the present plans are followed.

Tim Clancy '88
Michael Cox '88
Neil Hanley '88

COMMENTARY

My View From the Fourth Year

Whoopie-Tech, What a great place to be!

by Joshua Smith
Newspeak Staff

This article is intended to convince all those prospective freshmen who will be visiting Wednesday that they should become Whoopie-tech students. You see, the financial gashers of WPI have this priority scheme, and I'm about to change priorities. I've been ranked priority #8 (poverty-stricken student who will give the school money because he desperately wants a piece of paper saying he's educated); now I will be moving up to priority #7 (well-off alumni who is making more money than he knows what to do with and will gladly contribute for write-off purposes). The way I figure it, the more #8s I can convince to come to the school, the less they will harass us #7s.

It's been kind of a tradition for me to write positive articles the day the tykes come, ever since I wrote a negative article and was threatened with a law suit. Those folks over in

admissions take themselves far too seriously.

The school has a pretty good academic system. Don't believe any of that stuff you hear about the Plan, though. The Plan was eliminated about four years ago. If you want to learn about the plan then-and-now, just stop by the wedge and ask the old-looking students who hang out there. They'll give you the real story. The academic system at WPI becomes more like everyone else's each day, but it still has its unique qualities (like the projects) which make it stand out a little. So don't worry about the quality of your education here—high quality is a given.

How can your parents justify the outrageous bill they'll be getting if you decide to attend? I recommend the elimination method of financial estimation. You eliminate everything except the expenses you are trying to justify, and see if you'll have enough money for them. Start with your tuition (ignore room, board, books, and all those other incidentals); subtract the amount of financial aid you will be receiving (all of it, including loans); multiply by four (that's how long you should expect to be here); and compare that to your potential starting salary upon graduation (figure \$30,000 for most engineering majors, a little less for the sciences, and none for math because nobody hires math majors with bachelor's degrees). Do the costs outweigh the benefits? In the old days, they always would. I'm not sure if they still do now. Better check.

By now, I think you've been notified of your financial aid. How many of you got screwed over? I was my freshman year. It was my fault though. I sent them everything except the green form which just restates the information you gave them on the other forms (I misfiled it, and didn't discover my error until two weeks after the deadline). I guess the green form means go, because I was told my financial aid application had never been processed, and there wasn't any money left. They still gave me the GSL and work-study, but that doesn't really amount to much. I scraped by my freshman year though, and I'm graduating in three years (that saves you a lot of money, but I think it will no longer be possible since they've passed the 15 unit rule). At any rate, don't feel bad if you screwed up. It's fairly common. The application procedure is very complicated, and the financial aid office is very unforgiving. (RPI offered me almost a full ride, so I sent their offer to WPI with a note saying, "See how much I'm worth? Please reconsider;" they sent back a note saying, "Have fun at RPI." Of course, RPI is a pit, and I wouldn't have considered going there after I had seen it, but it was worth a try.)

The social scene here pretty much sucks all around, but you go to school to learn, not to party. Or so your parents think. If you're a guy, you will be depressed by the lack of women. If you're a girl, you will find that most of the guys are pigs. And don't think you can just keep your old high-school sweetheart, it hardly ever works. So just resign yourself to being sex-starved for four years, and expect that things will get better when you graduate into that fantastic high-paying job at the end of the tunnel.

You may have noticed that nobody talks about going to graduate school after graduation. There are two reasons. First, graduate schools are hesitant to take WPI grads, because most of them have never heard of WPI (or so I'm told). Second, after four years of WPI you will need a break. I really like school, but I'm going to take a few years off before I go back. Most companies who hire WPI grads (and there are a lot of them, believe me) have tuition reimbursement plans, so putting off grad school for a couple years will probably save you money as well.

Oh. One other thing. I'm sure you're curious what's going on down at the corner of Institute and West Street. You see, a long, long time ago there was this building called the World House. The structure became unsafe after many years, and the house was demolished. Ever since, it has been rumored that there was a secret talisman stored there, inscribed upon which was the original purpose of WPI. The school has been looking for a purpose ever since, so they figured a little archaeological dig might be in order. Let's hope they find a purpose; but if they don't, at least they'll have the foundation dug out for a new parking lot, which is almost as good.

To the Seniors:

This school has really given us the shaft this time! I have put up with ridiculously long registration lines, requiring DAKA for those in the dorms, numerous administrative hassles, destroying the plan out from under us, parking problems, misappropriation of student activities funds, having all semblance of non-greek social activities (the Pub and Spree Day) wrenched from beneath us, elimination of much of the work-study program, through which I have contained my dissatisfaction. Is it me, or does it seem like every year that we pay more and get less?

Well, if you're a senior you know by now that the powers that be here at WPI in their infinite wisdom (and without consult of the senior class) have decreed that graduation is to be indoors in Harrington Auditorium and we are allotted but three guests. It is inconsequential to them that perhaps more than three of our loved ones have made sacrifices in order that we might attend this institution, and they may enjoy attending that very special day which we call "College Graduation." In fact, I feel I am insulting my family and friends by not inviting them. I suppose I could "invite" them, but include a clause that says "Don't bother to come, you won't get it."

Fed Up With Tech BS

Ask Mike Roommate Sexuality

Dear Mike:

I've always had a good relationship with my roommate and now I know why; he told me just before break that he is gay. He sounded so very sure of it, but he doesn't look or act like a fag, so how can he really know? It took me all of break to accept it, and I finally got the courage to talk to him four days ago but he wouldn't talk. It looks like he is hurting inside, his school work is slipping, and he said he doesn't want help but I can see that he does.

Is there any way to help him? Such as a gay support group on campus or someone he can go to and talk freely? Is being gay a valid lifestyle or really a perversion? I want to help him, but I don't know what to do or where to look.

Thanks,
A Concerned Roommate

Dear Concerned Roommate,

There is no real way to know if someone is gay. There is no indicating mechanism or sign. Society has stereotyped gays as having feminine qualities and high voices. That is not always the cause. Your roommate is gay because

he is emotionally, physically, and/or sexually attracted or committed to a member or members of the his sex. It is important to realize that your roommate is not mentally sick or ill. The American Psychiatric Association voted to remove homosexuality from its list of mental disorders in 1973. That was because there is no indication that emotional distress or social impairment were elements of homosexuality.

There are many ways to help him. You've already helped by accepting the fact that he is a gay. You can sit down and just talk. Talk about anything, and casually steer the conversation toward your sexuality and his sexuality. Don't be pushy. Make sure you and your roommate are both relaxed when talking. That way true feelings come out. By letting him talk about his hurt at his pace, he'll make himself feel better inside. Then his outside self will start picking up the slacking areas (schoolwork, peers). You must realize the tremendous stress on your roommate. He is going against a lot of mores he has had since birth, he has to explain to his parents and friends, and he is risking becoming a social outcast by going against a society norm (heterosexuality). The most important thing is

to stand by his decision and support him 110%. Also, encourage him (and maybe you can go for support) to go to meetings of the WPI Support Group: Lesbian and Gay Alliance (LAGA). At this time, to gain information on this group you can contact the Counseling Center on 157 West Street or contact the Dean of Students Office. LAGA will be sponsoring a meeting soon. Look for bulletins around campus.

According to psychiatric studies (I personally agree) being gay is a valid lifestyle, not a perversion. Gays don't act like sissies or fags. Many lead what society would call a normal lifestyle except their physical emotional, and/or sexual preference is different from a heterosexual's.

I hope everything goes well. Good luck and be supportive.

Special thanks to everyone at the Counseling Center for their help.

Feeling down, tell me why. Maybe I can boost you up. Write "Ask Mike" box 2142 or 2700.

World News Briefs

MONDAY APRIL 4, 1988

Mideast Secretary of State George Schultz met for 4 hours with Prime minister Shamir of Israel. Many right wing Jews are protesting the appearance of Schultz; some of which have erected a banner depicting PLO leader Yassir Arafat in front of Shultz's hotel.

West Bank In continued violence, 1 Palestinian was killed and 7 others were wounded. Many Palestinians erected road-blocks which were promptly tom down by Israeli bulldozers.

Panama The United States is moving 1300 additional troops to Panama to protect American personnel living there. General Noriega claims that the police cars "chasing" the American Ambassador's car last Saturday were to protect the ambassador.

Jackson Reverend Jesse Jackson claims to have written Noriega on March 21 to leave Panama for the good of the people. Noriega replied with a flat "No".

Democrats Governor Micheal Dukakis, Senator Albert Gore, and Jesse Jackson were campaigning hard in Colorado and Wisconsin. The Wisconsin primary is tomorrow with Dukakis showing a slight lead over Jackson.

Arizona The Arizona State Senate heard the closing remarks today as they debate whether to impeach Governor Evan Meacham. The impeachment vote will be held tomorrow.

Memphis The city of Memphis marched in force today to commemorate the death of Reverend Martin Luther King Jr. Today marks the 20th anniversary of his death.

Baseball The major league season opened today with the Red Sox losing to the Tigers 5 to 3 in 10 innings.

TUESDAY MARCH 5, 1988

Meese Attorney General Edwin Meese named the successors to the two positions vacated last week. John Shepard was named to Deputy Attorney General, and Francis A. Keating III, was named to Assistant Attorney General. The Senate must still confirm these candidates. They will be acting at these positions until confirmed.

Iran A Kuwaiti bound aircraft was high-jacked by 7 arab radicals. The plane which left

Bangkok Thailand was carrying 100 people. One man was released because of a heart condition. The arabs are asking for the immediate release of 17 of their bretheren held in a Kuwati jail.

Mid East Secretary of State George Schultz met with King Hussein of Jordan to discuss a resolution to the West Bank violence. So far only Egypt backs the U.S. accord.

Israel Israeli soldiers killed 2 guerillas attempting to infiltrate the northern Israeli border. Four Israeli soldiers were wounded.

Panama The 1300 U.S. servicemen arrived in Panama to bolster the existing 10,500 soldiers all ready there. They left from Ft. Mead, Ft. Bragg, and Andrews AFB. General Noriega considers this a direct threat to his nation's sovereignty.

Noriega The Senate heard additional testimony against General Noriega from convicted marijuana smuggler Micheal Vogel. Vogel stated that Panama was to be an intermediate in 1979 for his drug shipments.

Fat Slobs A scientific panel stated today that Americans although they are eating less still eat too much animal fat. The panel called for more government regulation on meat consumption especially in the labeling classifications (light vs. lean).

Caucus Both Governor Michael

Dukakis and Reverend Jesse Jackson have been campaigning hard in Wisconsin and Colorado. Neither has come out as a clear winner in either of the caucuses. Senators Albert Gore and Paul Simon are far behind the frontrunners.

THURSDAY APRIL 7, 1988

West Bank Israelis are calling for revenge against the Palestinians who stoned a teenage hiker. Prime Minister Shamir spoke the eulogy at the girl's funeral claiming that this incident will "boil the blood of the Israelis." Some other evidence in the death shows that the girl was shot by the same weapon used against some of the other wounded settlers. Israeli troops blew up the homes of five families suspected in the violence yesterday.

Highjack The Highjacking of the Kuwaiti bound flight continues as the highjackers demanded the plane be refueled and refilled with food. Fifty hostages remain onboard including three members of the Kuwaiti royal family.

Simon Senator Paul Simon of Illinois stated that he was suspending his presidential campaign. He has not quit because he wishes to keep his delegates until the Democratic convention.

Mid East Secretary of State George Schultz flew to Saudi Arabia and then to Jordan attempting to gain support for the U.S. peace plan. So far, Egypt is the only openly supportive nation although Jordan's King Hussein may be a new

silent ally.

Iraq/Iran The city bombardment continued. Iraq bombed 7 cities and fired missiles on several strategic locations in Tehran. Iran fired several missiles on the Iraqi capitol of Baghdad. Heavy casualties are reported from both sides.

Afghanistan Soviet Premier Gorbachev met with Afghan President Ballet to discuss the removal of Soviet troops from Afganistan as early as May 15. The U.S. is optimistically hopeful because the peace accord is acceptable to the U.S.

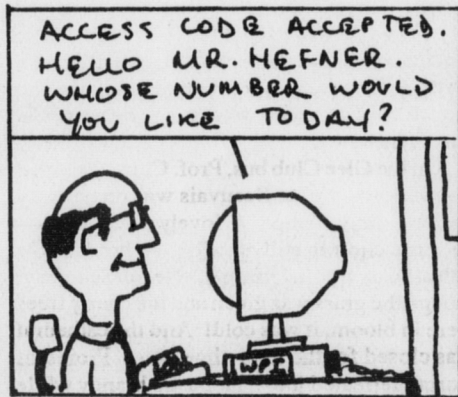
Mozambique African National Congress member Alby Sax had his hand blown off from a bomb put in his car. There have been 7 deaths to ANF members outside South Africa in recent months.

Education Secretary of Education William Bennet told Catholic School administrators that they should accept the dregs (drop outs, discipline cases, etc.) of the public school system then seek justifiable compensation from society.

Arkansas Fourteen members of a white supremacist group were found innocent of charges of sedition, murder, and assault. They were judged by an all white jury.

Los Angeles Police declared war on gangs arresting 200 members. These gangs have caused 50 deaths in recent years. Three members were wounded as gang violence tried to continue.

Joe Cool



by Jon S. Rennie & Michael Moser

Pulsar

by Carlos M. Allende





LA TIMES SYNDICATE

by Isaac Asimov

Sometimes very famous places get mislaid and people have to look for them carefully. Sometimes they find them—and sometimes they don't. There is an island, extremely important to American history, that is mislaid and is being looked for.

It may seem impossible to mislay a place but it happens all the time. For instance, the Bible says that Noah's Ark finally made a landfall "upon the mountains of Ararat." Ararat is an ancient kingdom known to the Assyrians as Urartu, and we know where it was and where its mountains still are. What we

don't know is which (ital) particular mountain the Bible may have referred to. There is a mountain we call Mount Ararat, but that's just a guess, even though people sometimes look for the Ark there.

Then there's the city of Troy, destroyed by the Greeks after a famous 10 year siege. It was somewhere in the northwestern tip of Asia Minor, but for many centuries people wondered exactly where it was, or even if it existed at all. Finally, a German archeologist, Heinrich Schlieman, thought he had found it, and it's generally accepted that he did, but we can't possibly be absolutely certain.

One of the most important battles fought in Roman history was the Battle of Zama, in which the Roman, Scipio, beat the Carthaginian, Hannibal, at last. It was the victorious end of a war that the Romans had nearly lost, so you'd think they would keep track of Zama and erect monuments there. They didn't, though, and to this day, although we know when the Battle of Zama was fought and what happened, we don't know exactly where Zama is.

But what about the island in American history? Well, on Aug. 3, 1492, Christopher Columbus left Spain with three ships on the most famous voyage in history. He sailed westward for seven weeks and then on Oct. 12, 1492, reached land somewhere among the Bahama Islands.

The island he reached was inhabited by people he called "Indians" (because he thought he had reached "the Indies"; that is, eastern

Asia). The Indians called the island "Guanahani," or at least that's what the name sounded like to Spanish ears, but Columbus paid no attention to that. In those days, and for many years afterward, "natives" didn't matter, and what they called things didn't count. Columbus named the island "San Salvador" (meaning Holy Savior), took possession of it in the name of Spain, and then went on to discover other islands and make other voyages.

Columbus became a great American hero eventually, and we celebrate Columbus Day every Oct. 12 (or the nearest Monday to it so as to make it a three-day weekend). On Oct. 12, 1992, we will celebrate the 500th anniversary of his landing on Guanahani, and we should make a grand job of it... but the curious thing is that we don't know exactly which island Columbus landed on.

For a long time, in fact, there was no island in the Bahamas that was known as either Guanahani or San Salvador. There was, however, an island called Watling's Island, after an English pirate, John Watling. It is about 60 square miles in area (nearly 3 times as large as Manhattan). Since it lies well to the east of the island group in general, it seemed possible that Columbus had come upon it first. It was therefore renamed San Salvador and it is now officially considered to be the island on which Columbus landed.

Two oceanographers at Woods Hole in Massachusetts, Philip Richardson and Roger Goldsmith, have tried to reconstruct the voy-

age, using what remains of the log and also using the best knowledge we have on winds and currents. Knowing the speed of the ships and the direction from which they left the Canary Islands, a kind of dead reckoning could be calculated to estimate where the ship would have been on the very early morning of Oct. 12.

There had been earlier attempts at this where matters were adjusted to make the voyage end at San Salvador. An attempt in 1986, without adjustments, ended 300 miles too far west, because the estimates of speeds of currents and winds were wrong. One thing that even Richardson and Goldsmith weren't sure of was Columbus' compass. Columbus recorded measured at a specific spot on Earth's surface, varies from year to year and we don't know exactly what the direction would have been in 1492 at the different places Columbus passed.

Even so, the dead reckoning ends at a point about 15 miles south of San Salvador. That makes San Salvador look pretty good. However, a small island called Samana Cay exists about 40 miles southeast of the calculated endpoint. It remains just as possible that it might be the island Columbus reached. The chances are, though, that barring a time machine, we'll never know for certain.

Isaac Asimov is an internationally renowned science writer and member of the Los Angeles Times Syndicate.

Continued from page 1

They said it could be done

special visas, but two bottles of beer and a pretty female face on our tour guide, and the French custom agents were not to be seen! On into France!

On the Glee Club bus, Prof. Curran decided that the cathedral at Beauvais was on our way and we should stop. A lovely cathedral, — only the choir is still standing — but it is the tallest cathedral in Europe. Needless to say, though the grass was green and the cherry trees were in bloom, it was cold! And the cathedral was closed for the noon time hour. Professor Curran retreated into a monastic brandy while the undergraduates staged an impromptu "Kyrie" on the grand porch of this wonder of medieval France.

Arriving at Caen, the musicians had only an hour to get settled at the Centre International de Sejour before being bussed to a swift rehearsal at the chapel of a hospital called Chapelle au Bon Saveur. This was no chapel, it was the size of the cathedral of Worcester, had no heat, was modern and extremely beautiful, with a vast reverberation. And the audience filled all the

available seating. While the Brass Choir was in rehearsal, the men of the Glee Club found a courtyard in front of the chapel, surrounded by the dormitories of the student nurses. Soon the men were performing an impromptu concert for hundreds of female heads leaning out of their windows.

After the concert, a meal to end all meals was served by our hosts — a seven course dinner in the best of French tradition, with an endless supply of two types of wine, and an apple flambe most dramatically prepared with flaming brandy! The dinner ended at 2:00 a.m. with many songs and the national anthems resoundingly sung! Our hosts completely dispelled the illusion of the cool, aloof French. After a tour of Caen in the middle of the night, it was bed, with an early rising, and on to Orleans.

The great town of Orleans was a disappointment, for we were not singing in the cathedral, a vast structure under repair. Rather we were in a "little" church — the "Eglise" of St. Pierre de Martrois. We soon found out why:

it had heat! Further, they had rented an I. Chang grand piano just for us. During the rehearsal, the children of the grammar school came to hear us, and sat quietly until they burst into applause at the end of a large chord.

The concert went off without a hitch to a complete, standing room only audience. It turned out that we were the main attraction of the city's annual festival of the remembrance of the Battle of Normandy, and the whole city was there. For a European audience to burst into rhythmic applause is really intimidating, and the ultimate in flattery. It happened in both Caen and Orleans.

The concert was followed by a reception at the Hotel de Ville, the town hall. But to see the town hall all lit up at 11:30 p.m. for a reception with the whole city council — for you — was also intimidating. After speeches and presentation of etchings to Professors Weeks and Curran the "Pershing Medal" to Prof. Curran, a magnificent reception was begun. The elegance of the town hall reminded the musicians of Versailles, and the endless champagne and wonderful French sandwiches was the pinnacle of a splendid but tiring day. With many fond words, the musicians boarded the busses and on to Paris.

On the evening of March 11th, the combined bands finally arrived at the fabulous city of Gai Paris! Arriving too late to do any sight-

seeing this day, the Glee Club members headed for their lodging in the suburb of Choisy le Roi, content in their knowledge that they would have the next three days to see Paris, with only one rehearsal and one performance to attend.

For those who wished to see a little bit of everything, the tour guide conducted a tour from the bus. Among the many sights covered in this way were stops at the Eiffel Tower, the Arc of Triumph, the palace at Versailles, and a boat tour on the Seine.

For the more adventurous souls, Paris was an excellent city in which to wander. The Metro offered a quick means of transportation around the city, as well as to and from the youth hostel in Choisy le Roi. The time schedule was unbeatable, as you yourself decided how long to stay at each location.

The climax of the trip was the singing of High Mass at Notre Dame Cathedral. Due to an unforeseen complication, the Brass Choir was not allowed to perform. The Glee Club sang the "Miser Mater Patris" mass by Josquin de Pres, "Inveni David" by Anton Bruckner, "Ave Maria" by Tomas Luis de Victoria, "Adoramus Te" by Giovanni de Palestrina, and ended up with "In that Great Gettin' up Mornin'" by Fenno Heath.

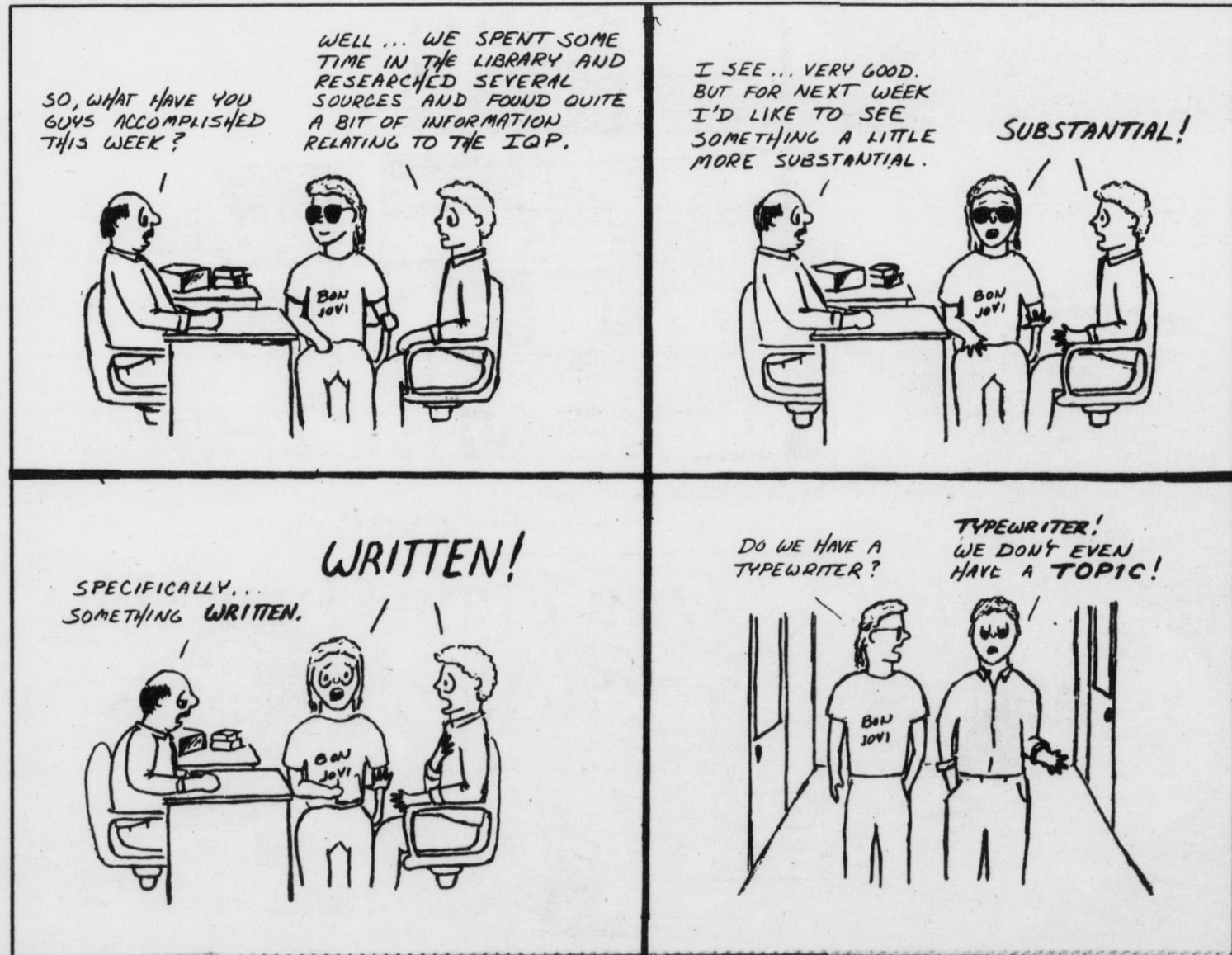
On the evening of the 14th, the Glee Club held a farewell dinner at the Restaurant "L'Echarpe Blanche". An excellent selection of entrees was complemented by an exquisite assortment of cheeses, a delicious dessert, and an everflowing supply of wine. The dinner was cut short, however, when neighbors complained of the intensity of our singing, which was led on by a French folk singer and continued long after he was through.

While the Glee Club was enjoying a free day in Paris, the Brass Choir and Stage Band had left for Wiltz, Luxembourg, for an evening concert in the castle. This concert progressed so well that the reception by the city afterwards brought unexpected rewards, such as an overflowing bar and a local butcher who went back to his shop and returned decorated with sausages in strings around his neck and proceeded to hand them out left and right. The hotel "Beau Sejour" was one of those country inns which dot Europe and are the delight of the traveler. Professor Weeks was presented with the history of the city, which climaxed a very successful concert.

The trip from Paris back to Luxembourg was long, if uneventful. It was a time to catch up on some well-deserved sleep. For some, it was the only sleep they had had in quite some time. After a brief delay at the airport, it was time to board our flight and head for home, the last leg of a successful tour. For many, this had been their first time in Europe. For all, world travellers and first timers alike, the memories of Brussels and Paris, or Caen and Orleans, and of "Foot-beef" and "Flying Killer Yaks" are something that will stay with us forever.

Thoreau

by Mark Scililiano



Don't Be A Bum!

Join Newspeak!
Writers and layout staff needed.
Help be an important part of the
WPI community.
Call 793-5464 or write to box
2700.

Continued from page 1

Stage band tours Europe

sixty beers in Belgium and a highlight in the trip. They spent a couple of days in Belgium because one of the other groups was appearing in a local town.

They safely arrived at the University of Caen, where they did a sound check and watched as the seven hundred seat auditorium filled up. With them to perform was a Caen jazz band, which although was well received, was not as spectacular as our Stage Band which after six notes received a roar from the audience. As Ray Chin comments on the band as "On the average, each performance in Europe was about 'six octaves.'" It was here where they did two encores and received two standing ovations. Champagne followed and everyone enjoyed themselves. That performance was taped and was later used on a jazz radio show.

Next, they proceeded to Paris but stopped on the way at Orléans for the Brass Choir to perform at a Cathedral. They arrived at the L'Ecole Centrale where they stayed in dormitories.

They returned to Luxembourg and stopped

at the town of Wildz which was old fashioned with cobblestone roads. The small audience was quite appreciative and a reception followed where wine and a wonderful native beer was served.

The three major languages they encountered along their journey were German, English, and French. Their tour guide, nicknamed Gu, spoke these three fluently, and she had the laborious task of putting up with these guys. Jon and Ray upon looking back over the trip would like to mention Rich Falco, Director of the WPI Stage Band as being "another one of the guys," and "the king of swing." Chet Williamson is also known for his "smoking solos" during performances on the tour. Thanks goes to all the alumni who contributed money for the trip. Jon, a senior, says that he'll miss the band, while Ray wants to thank all the seniors from the undergraduates for acting like a support system for the band. On Wednesday, April 13th, the band will be performing in Alden as part of the Admissions Day for incoming freshmen, but all are welcome.

Want to do something to your TA?
Why not nominate him for TA of
the year?

Remember the person who was willing to spend hours explaining the course material to you that you just didn't understand? The person who was there to answer all those stupid questions you had but couldn't find the stupid answers to? The person who sparked an idea and gave you encouragement when you thought you were at the end of your rope? No, were not talking about your professor, we mean your TA. Just like you he's also taking classes and doing homework. He's also taking the time to help you. So what do you say?

Nominations due April 20, 1988
submit forms to Prof. Rick Sisson, ME
include your name on form

Rubes®

By Leigh Rubin



STUDENT SPECIAL SANREMO'S

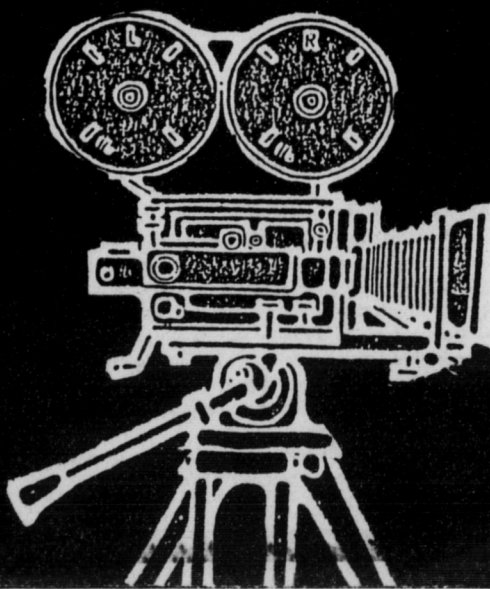
\$11.00 with Student I.D.
WASH - CUT - BLOWDRY
Our Reg. \$13.50

755-5852

Appt. or Walk In

**237 Park Ave
Worcester, MA**

(Corner of Elm & Park
Next to Parkview Towers)



Sponsored by



THE NEW THING Presents One Flew Over the Cuckoo's Nest

9:00 PM

in Gompei's Place
Wednesday, April 13
ONLY \$1.00

IQP Insights

Exploring photovoltaic Technology

by Robert A. Petrin
Newspeak Staff

There is a wealth of opportunity at the WPI Projects Office that is the Center for Solar Electrification and Related Studies (CSERS). This Project Center, which yields some of the most innovative and unique IQP's surfacing from the WPI projects system, has been under the direction of Dr. Edward N. Clarke for two years.

In addition to his role with the Project Center, Clarke has had a long history of involvement with solar electrification and photovoltaic technology. He is, in fact, one of the founders of the United States semiconductor industry and has brought his energies and expertise to the CSERS Project Center which conducts projects in varied South American, Asian, and African countries as well as with rural U.S. regions, General Motors, the Chisholm Institute of Technology in Australia, and the Appalachian Mountain Club.

Photovoltaics (PV's) is a technology that is very much on the leading edge of innovation in the area of energy conversion devices. The modules "instantly transform sunlight into electricity" in a process that is much more advanced than that of heat collection modules. In fact, as the Center's project students become aware, heat is detrimental to the operation of the PV cells. Clarke explained: "...heat will actually cut down the efficiency of the units. The best conditions occur when the units are in a cold environment, on a day when the sun is bright and the sky is clear..." Weather and "solar resources" then, pose some of the constraints that are to be considered for every application of the technology.

Clarke visited Australia with General Mo-

tors last November to witness the first transcontinental solar car race which drew entries from private companies and research groups from all over the world. GM produced the winning vehicle in the "challenge" which took place across a 2000 mile stretch of the Australian outback. The event has influenced one of the the areas or types of projects students at the CSERS are involved with.

Dr. Clarke outlined some of the investigations pertinent to what he refers to as the "solar car" projects: "...there is much more than the technicalities of building a solar car. There are the issues of how one puts a World Solar Challenge into being, and the economics of commuter scale solar cars. There is also the whole question of the feasibility of WPI getting involved and what were General Motor's experiences in producing the car... there's a lot more to the solar car than just building the car..."

The Director went on to explain that the technology that is called upon to yield a fast solar car is quite significant. The GM entry, "The Sunraycer", for example, was able to travel at about 70 mph using a motor that weighed less than 10 lbs. In addition, this solar car boasts "the most perfect aerodynamics ever designed" resulting in the lowest drag coefficient ever for a vehicle in its class. Special wheel bearings had to be devised for the Sunraycer. GM design teams, in a challenge to utilize all of the car's energy effectively, designed a regenerative braking system where energy used to decelerate the car is not dissipated as heat but is re-routed to recharge special storage batteries. It is not hard to imagine a day when some of the techniques learned as a result of producing the Sunraycer are integrated into commercial vehicles.

Clarke pointed out: "...the total technology

brought to bear on making a fast solar car is very important. There is already a small but growing industry in short range commuter cars. However, the industry is just getting started - and it's happening in Switzerland, not in the US or Japan! ...You can assume that the US and Japan will jump in when the industry gets rolling..." WPI IQP Students will be looking at the effects of some of these new technologies, and question "start up" options for US companies.

One student working on a solar car project will be going to the Tour de Sol - another solar car race that will be taking place in Switzerland at the end of June. At the event, the student will be seeking to make contacts with Swiss universities and industry. Using these resources, he hopes to gauge Swiss universities and industry and get a feel for how excited Swiss manufacturers are about applications of photovoltaics to transportation.

Since it is the races and the resulting publicity, as well as the potential for future products that lures companies to invest in research, and thereby stimulates innovation in PV's and solar car technologies, another team aims to survey those who took part in the World Solar Challenge in Australia. They hope to answer questions about the difficulties in planning a solar car event, what responses from large and small enterprises are like, and uncover how fruitful the technological yield is from such competitions. Clarke had the notion of targeting the Australian solar car design team from the Chisholm Institute of Technology in the same way author Tracey Kidder targeted advanced computer development at Data General. Investigations will focus on the design methodologies of the group, as well as the impact that the competition has had on the people involved in production of a solar car, what Dr. Clarke refers to as the entire "human adventure" of the effort.

If the application of photovoltaics to the area of automotive and related technologies appears novel, Clarke's foresight that spawned a project with the Penobscot Indians in Maine will appear just as interesting. The Penobscots are a self sufficient group living in Old Town on "Indian Island" in the middle of the Penobscot River. In the past the Indians have had seasonal difficulties in obtaining enough commercial power to meet their needs. This problem surfaces as the result of the surrounding river dropping in level during the summer so that the Bangor Hydro power company can't supply all of the electricity required by these people. Dr. Clarke spoke of the background behind this second group of projects:

...the Penobscot Indian Nation is a nation within a nation. They have the oldest continuous form of government in all of North America, older than any other Indian or colonial group. I thought to myself, here's a highly competent people. They've handled the power of self governance successfully over thousands of years, they've survived all of the privations nature and the white man ever threw at them - they've survived everything. They have a 'capability'. They have a 'capability'. They were a group of people I wanted to work with...

Clarke met with the Penobscot's tribal council last summer and first introduced his proposal to equip some of the Indian homes and buildings with PC panels for the generation of electricity. The first IQP completed in this area was entitled "Residential Photovoltaics for Indian Island".

The project was an in-depth feasibility study that integrated data from regional weather stations, power requirements, and a model PV neighborhood in Gardner, Massachusetts. Stu-

dents worked to ascertain that the island community met the proper climate constraints imposed in using solar PV units on homes. Data from the US Weather Bureau in Bangor showed that Indian Island, annually, received slightly more sunshine than Boston. Once this and other initial criteria were satisfied, the group moved to look at the satisfaction and responses of home owners in the Gardner PV neighborhood. Cultural considerations were integrated into the final report that was presented to the Indians.

The results, pleasing to the Penobscots, would be startling to anyone who has to pay monthly power bills. A young family in Gardner had reduced their monthly electric bill from \$90 to \$50. An older couple had lowered electricity bills from \$40 to \$9 a month. Secondary and follow-up studies on Indian Island are presently being conducted as new IQPs. Further topics tend to be generated as the result of these first efforts as well.

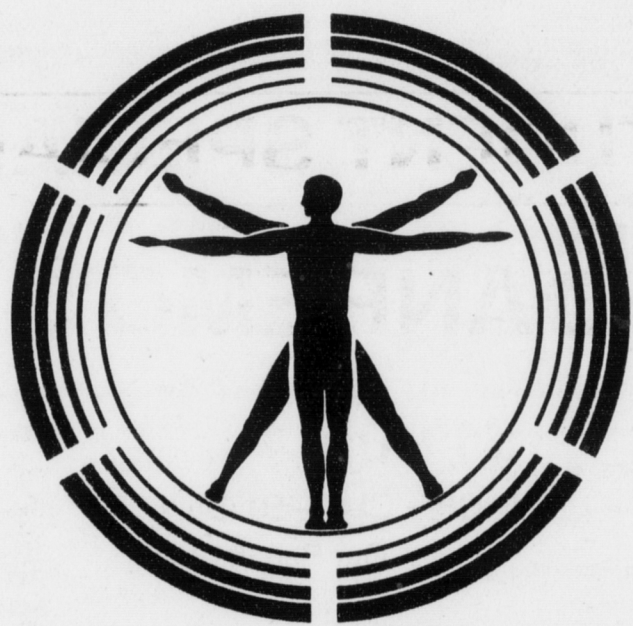
For example, a future IQP is to be conducted with Bangor Hydro Electric Power Plant to present reasons why commercial power companies could benefit from, and therefore would want to sponsor, PV neighborhoods. New England Electric, who sponsored the Gardner neighborhood project, will serve as a basis for comparison. The group hopes to encourage the Bangor power company to establish a "solar village" on Indian Island, as well as study methodologies for coping with large scale implementation of PV units when the technology becomes more available. The Indian Island projects appear to effectively approach and address every facet of the issue surrounding the integration of PV technology into society.

The CSERS projects' third area of concentration has had particular appeal to foreign students at WPI. These IQPs regard the implementation of PV methods to students' own countries particularly those regions that, because of geographical, political, and economic limitations would otherwise never receive electric power. Projects recently completed with the Appalachian Mountain Club's network of huts in the Mount Washington region of New Hampshire have also enjoyed success.

These huts offer high mountain shelter to anywhere from 40 to 120 backwoods hikers at each location per night. Previously, the huts were dependent upon propane fuel tanks being airlifted in, which were then used for cooking, refrigeration, and lighting purposes. Two WPI project teams suggested, investigated, and set in motion a program that will now equip these remote shelters with PV panels to generate needed electricity for lighting, refrigeration, and communications. These high tech systems require virtually no maintenance, and, in at least one of the hut locations, is expected to pay for itself in about one and a half years.

Clarke cautions interested students that 90% of his future project advisees register before spring break, with the final numbers trickling in sometime afterwards. Pre-planning is important as CSERS projects require students to complete a PQP prior to beginning work on the project. Dr. Clarke states: "...I must insist upon a PQP during D term of the previous year. We are dealing with people and the complex problems associated with introducing them to a new technology... you need good planning, students sometimes put time in working over the summer to prepare for their projects..."

The opportunities in this project center are open to all majors, and Clarke encourages all students interested in the field to give these and other PV projects consideration. The breadth of topics offered via the Center for Solar Electrification and Related Studies certainly indicates that WPI is a technological university on the move.



**WPI
WELLNESS
DAY
'88**

April 14
10 a.m.-2 p.m.
Lower Wedge

Campus Hearing Board Elections will be held April 18, 1988

- The student body shall elect three (3) students to the board. - The next two highest ranking candidates shall be elected as alternates. - One (1) faculty member shall also be elected.
- Qualifications for Campus Hearing Board: - Any full-time undergraduate is eligible to seek nomination. - Must be in academic residence for all of the four terms in office. - He/She shall not be allowed to serve simultaneously as a member of another branch of the Campus Judicial System.
- Petitions and a copy of the election procedure by-laws may be picked up beginning Tuesday April 12, 1988, in the Dean of Students office in Daniels Hall. The petitions, signed by at least 50 undergraduate students must be turned in to the Dean of Students office no later than Thursday April 22, 1988 at 4:00 p.m.
- Signatures are subject to verification - Incumbent underclassmen may have their names placed on the ballot by submitting a written request to the Student Government President.

WPI Summer Session

A special tuition rate for Summer Session of \$2270.00, representing approximately a 15% discount below the regular 1987-88 term rate of \$2667.00, is available for students taking at least one full unit (9 credit hours) of academic work. This represents a discount of about 45% on the third course. Additional courses are also available at the discounted rate of \$500.00 per course. Physical Education may be added at no charge under the special discount package.

To register, please stop in the Summer Session Office, Room 204, Project Center from 8:30 a.m. - 5:00 p.m.

SUMMER SESSION COURSE SCHEDULE MAY 23 - JULY 13, 1988

Number	Title	Type	Schedule	Room	Instructor	Number	Title	Type	Schedule	Room	Instructor		
BB 1010*	General Biology I	LEC	TuTh	10-11:50	SL208	Cheetham	HI 3111*	Problems in United States Foreign Policy Since World War II	LEC	MTTF	11-11:50	SL123	Zeugner
CH ----	Independent Study and Projects	To be announced					HI ----	Independent Study and Projects	To be announced			Dunn Hanlan Zeugner	
CH 1010	Chemistry I	LEC CON LAB	MWF W W	8- 8:50 10-10:50 1- 3:50	GH227 GH217 GH109	Hubacz	MG 1100*	Financial Accounting	LEC	MTTF	9- 9:50	SL121	Wimmergren
CH 1020*	Chemistry II	LEC CON LAB	MWF W W	9- 9:50 11-11:50 1- 3:50	GH227 GH217 GH110	Kildahl	MG 1250*	Personal Finance	LEC	MTTF	1- 1:50	SL121	Wimmergren
CE 2000	Analytical Mechanics I	LEC	MTTF	10-10:50	KH116	El-Korchl	MG 2101*	Management Accounting	LEC	MTTF	10-10:50	SL121	Wimmergren
CE 2001*	Analytical Mechanics II	To be announced					MG 2260*	Investment and Security Analysis	LEC	MTTF	2- 2:50	SL121	Wimmergren
CE 3041	Soil Mechanics	LEC	MTTF	11-11:50	KH116	D'Andrea	MG 2500*	Management Science I: Deterministic Decision Models	LEC	MTTF	9- 9:50	SL104	Graubard
CE ----	Independent Study and Projects	To be announced					MG 3401*	Production Planning and Control	LEC	MTTF	9- 9:50	SL011	Noonan
CS 1001	Introduction to Computers	LEC CON	MTTF W	2- 2:50 11-11:50	AK233 AK233	Gu	MG 3600*	Marketing Management	LEC	MTTF	10-10:50	WB229	Graubard
CS 1021	Introduction to Programming	LEC LAB	MTh Tu	3- 3:50 2- 3:50	AK233 WB321		MG ----	Independent Study and Projects	To be announced				
CS 2011	Computer Organization and Assembly Language I	LEC CON	MTTF W	9- 9:50 9- 9:50	AK233 AK233	Lemone	MG 549	Strategies for Manufacturing Firms	LEC	MTh	6:30-9:30	SL104	Oden
CS 2023	Data Structures	LEC	MTTF	1- 1:50	AK233		MG 560	Marketing Management	LEC	MTh	6:30-9:30	WB229	Graubard
EE 2001*	Fundamentals of Electrical Engineering I	LEC	MTWTF	10-10:50	AK233	Majmudar	MA 1011*	Calculus I	LEC	MTTF	9- 9:50	SH203	Halsey
EE 2002*	Fundamentals of Electrical Engineering II	LEC	MTWTF	11-11:50	AK116	Majmudar	MA 1012*	Calculus II	LEC	MTTF	10-10:50	SH203	Servatius
EE 2703*	Basic Electrical Engineering Laboratory	LAB	MTT	8-10:50	OH117	Vaz	MA 1013*	Calculus III	LEC	MTTF	11-11:50	SH203	Turi
EE 3101*	Electric Transmission Lines	LEC	MTWTF	8- 8:50	AK219	Krackhardt	MA 1014*	Calculus IV	LEC	MTTF	11-11:50	SH202	Christopher
EE 3201*	Basic Electronics	LEC	MTWTF	10-10:50	AK219	Krackhardt	MA 2051*	Ordinary Differential Equations	LEC	MTWTF	10-10:50	SH204	Connolly
EE 3601*	Principles of Electrical Engineering	LEC LAB	MTTF W	11-11:50 1- 3:50	AK233 OH117	Volaver	MA 2071*	Matrices and Linear Algebra I	LEC	MTTF	9- 9:50	SH204	McQuarrie
EE 3801*	Logic Circuits	LEC LAB	MTTF W	9- 9:50 1- 3:50	AK219 AK210	Choo	MA 2611*	Probability and Statistics	LEC	MTTF	8- 8:50	SH202	Petrucelli
EE 3901*	Semiconductor Devices	LEC	MTWTF	11-11:50	AK219	Lanyon	MA 4291*	Applicable Complex Variables	LEC	MTTF	10-10:50	SH202	Srinivasan
ES 1310	Engineering Design Graphics	LEC CON	M TuTh	11-11:50 8- 9:50	HL215 HL215	Sullivan	MA 4451*	Boundary Value Problems	LEC	MTTF	11-11:50	SH204	Humi
ES 2001*	Introduction to Material Science	LEC CON	MThF Th	1- 1:50 1- 2:50	WB229 WB229	Dillich	ME 3310*	Kinematics of Mechanisms	LEC CON	MTTF W	11-11:50 1- 2:50	HL212 HL212	Hammond
ES 2501	Introduction to Stress Analysis	LEC	MTTF	8- 8:50	HL201	Noori	ME 3320*	Design of Machine Elements	LEC CON	MTTF Tu	9- 9:50 1- 2:50	HL212 HL212	Grandin
ES 2503	Introduction to Dynamic Systems	LEC	MTTF	8- 8:50	HL209	Grandin	ME 3420*	Thermodynamic Applications	LEC	MTTF	11-11:50	HL224	
ES 3001	The Statistical Development of Classical Thermodynamics	LEC	MTTF	11-11:50	HL130	Sisson	ME 3504	Stress Analysis	LEC	TuTh	10-11:50	HL209	Rencis
ES 3003	Heat Transfer	LEC CON	MWF Th	10-10:50 10-11:50	HL201 HL201		ME 3901*	Engineering Experimentation	LEC LAB	MTT W	2- 2:50 1- 3:50	HL201 HL201	
ES 3004	Fluid Mechanics	LEC CON	MWF Tu	9- 9:50 9-10:50	HL130 HL130	Alexandrou	ME 4506	Mechanical Vibrations	LEC	MTTF	9- 9:50	HL224	Noori
ES 3011	Control Engineering I	LEC	MTTF	10-10:50	AK232	Demetry	ME ----	Independent Study and Projects	To be announced				
ES 3323*	Introduction to CAD	LEC LAB	MTh W	11-11:50 1- 3:50	CADLAB CADLAB	Scott	PY ----	Independent Study and Projects	To be announced			Gottlieb Young	
EN 1272*	Moral Issues in the Modern Novel	LEC	MTTF	8- 8:50	SL123	Hayes	PE 1005	Introduction to Life-Time Sports: Swimming, Bowling, Table Tennis, Raquetball		TuTh	1- 1:50	GYM	Massucco
EN ----	Independent Study and Projects	To be announced					PE 1021	Recreational Bowling		MW	2- 2:50	GYM	Massucco
HI 1131*	American History, 1877-1920	LEC	MTTF	8- 8:50	SL104	Hanlan	PH 1110*	General Physics--Mechanics	LEC	MTWTF	8- 8:50	OH126	Long
HI 1242*	Twentieth-Century Revolutions	LEC	MTTF	9- 9:50	SL123	Dunn	PH 1120*	General Physics--Electricity and Magnetism	LEC	MTWTF	10-10:50	OH126	Long
						Hayes Ljungquist Mott Schachterle	PH 1130*	Introduction to Modern Physics	LEC	MTWTF	9- 9:50	OH126	Goloskie
							PH 1140*	Oscillations, Waves and Optics	LEC	MTWTF	11-11:50	OH126	
							SS 1110*	Introductory Microeconomics	LEC	MTTF	11-11:50	SL105	Graubard
							SS 1120*	Introductory Macroeconomics	LEC	MTTF	1- 1:50	SL105	Graubard

*May be given on an independent study basis if there are seven or fewer students registered.

SPORTS

WPI hockey wins New England tournament

by Michael Fitzpatrick

With an overall record of 20-4-1, the 1987-88 WPI Club Hockey team went into the New England Small College Hockey Association Tournament as the top seed. The three other clubs who also earned playoff spots were the Community College of Rhode Island, University of Connecticut, and University of Rhode Island.

On February 27, under the leadership of new coach Dave Roy, WPI started the tourney against URI at Thayer Arena in Rhode Island. It was evident that some nervousness and tension filled the air, but once WPI settled down, the play improved and goals flourished. The first goal that later proved to be the game winner was a conversion of a brilliant pass from Tom McMorrow in the corner to an awaiting Brian Walsh in the slot. Other goals in the 7-0 semi-final blowout for the Engineers were by Rich Kashian, 3, Mike Cawiff, Brendan Connelly, Kevin O'Connell. A good effort was also given by Jim Della Gatta who had three assists and Rob Bartholemus who had some spectacular saves to secure the shut-out.

This victory gave WPI the opportunity to meet UConn, the winner of the match-up against the defending champs, CCRI on Sunday the 28.

The scene was set for a tough, physical game as was the case in the teams' only other meeting which ended in a 4-4 tie. There was no blood loss between the two teams.

After the first drop of the puck the Engineers utilized their speed to skate around UConn. This allowed Jay Diman to go in on a steal and pass from Kevin O'Connell and put WPI up on top just 58 seconds into the contest. It looked like it might be an easy victory but that wasn't the case as UConn tied the game up

on a deflection at 8:07 during the first period. What followed was two and a half periods of up and down heavy hitting hockey with strong defense on both sides.

With three late third period penalties, WPI seemed to be shorthanded for the last eight minutes of regulation play. Both teams' forwards were becoming weary due to the fantastic pace of the game. It seemed as time was winding down that overtime would decide this one. One lucky break would do it. With under a minute left, the draw was in the WPI end. After winning the draw and getting the puck back, Jay Diman hit defenseman Tom McMorrow rushing out of the zone. He then streaked up the left side and fired a rocket into the screen 15 feet inside the blue line. It went off the far post with 43 seconds left in regulation. As UConn pulled its goalie, the Engineers held to win the championship. Congratulations to all the players, Coach Dave Roy, and managers Audra Ayotte and Leslie Thomas on a great season.

Women's track takes two tri-meets

by Brian Savilonis
Track Coach

The Lady Engineers opened up the track and field season with a convincing tri-meet victory: WPI 91, Wesleyan 54, Eastern Connecticut 19. This is the first time that WPI has finished first in this meet. Four years ago the Engineers finished with 16 points.

There were numerous quality performances in the meet. First place finishes were captured by Pam Peterson (shot put 32'1"), Lesley Andrews, who set the school record in the high jump with a 4'11" jump, Karen Reichenbach (hammer 93'1"), Christine Mikloiche (1500m 5:27.9), Patty Dube (100m hurdles 17.6), Leslie Reed (discus 102'1"), and Dianne Furlong (javelin 102'3"). Robin Fontaine had a good opening day against a tough runner, finishing twice (400m 65.8 and 400m hurdles 74.6), while Sharon Whyte had a similar day jumping (long 14'3" and triple 29'4"). The squad of Dube, Knapp, Fontaine, and Debbie Long led the 4X100m relay until the final straightaway, but Wesleyan's Turball, a national contender in the dash, pulled away for

the win. WPI still ran the school's second fastest time ever.

On April 6th, the women found that neither the weather forecast nor the level of competition lived up to predictions. The raw, cold weather kept performances down, but WPI easily won the meet: WPI 93, Assumption 38, Clark 29, Nichols 19. The throwers met almost no opposition with Furlong improving in the javelin to 104'1", Reichenbach took the hammer with a 100'11" throw, Reed tossing the discus 98'2", and Peterson throwing the shot put 31'5".

Dube (17.5) and Edie Mickey (18.0) led the 100m hurdles, while Mickey (75.9), Fontaine (76.1), and Cheryl Hagglund (77.3) dominated the 400 hurdles. Fontaine won the 400m in 66.4. Mikloiche (12:00) and Lori DeBlois (12:07) strolled through the 3000m together. The 4X100m relay team (Dube, Knapp, Fontaine, Long) had an easy win and are waiting for warmer weather to grab the school record. The one truly outstanding performance of the meet was provided by Simanski of Nichols who long jumped 16'6" and also won the 100m dash and the high jump.

Women's basketball team has disappointing season

by Roger Burleson
Sports Editor

The women's basketball team had its first losing season in nine years as they posted a 5-20 mark this year. But, the year was not as bad as it may seem. The Engineers did play tough ball all year long and never did give up. Also Jody Normandin was named to the 1988 ECAC Division III Women's Basketball All-Star Second Team; so there were some bright spots this year.

Coach Naomi Graves, now in her third

season with a 35-49 record, agreed. "No question about it, Jody was our standout this season." Indeed she was. As the point guard for the team, she led WPI to the top of the nation in three-point field goal percentage for Division III schools. She herself was ranked second in the nation for individuals.

Coach Graves was also quick to point out that a lot of "improvement went unnoticed. Chris Trincer and Donna DeFreitis worked hard this year and their improvement showed on the court. As the year went on, the team got more confidence in themselves. they would come down and start looking for their shots

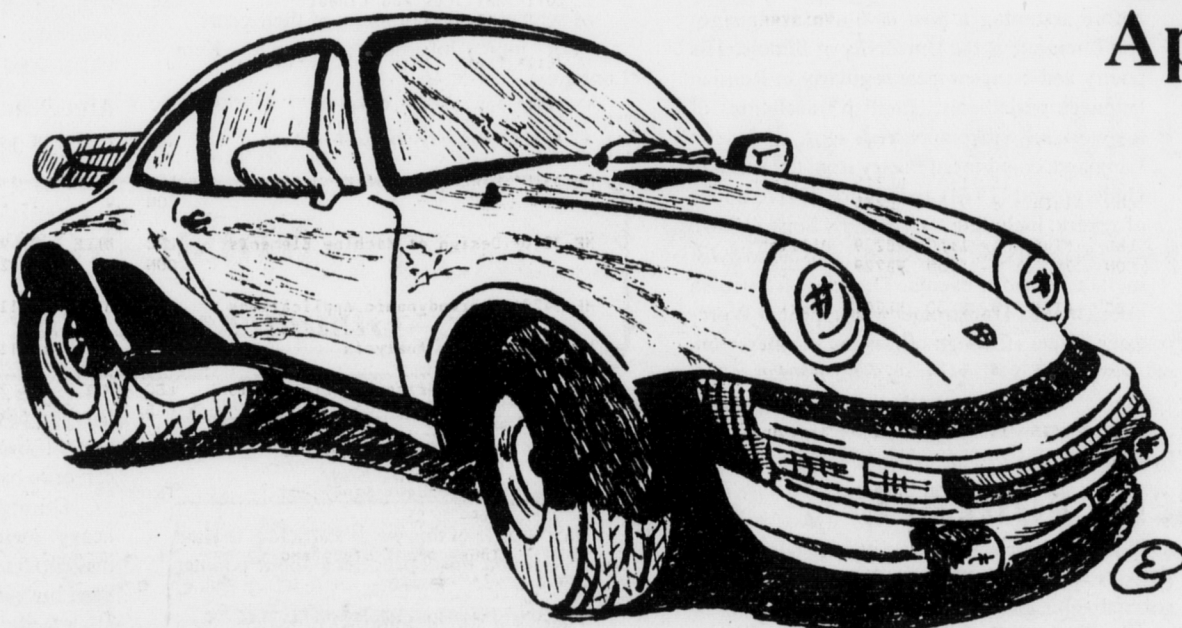
instead of who's defending them."

Coach Graves is looking forward to next season though. She only graduating two players from the squad. Graves is also looking to recruit some height and a guard to take Normandin off the point. "That was one disadvantage that we had this year. All the teams that we faced this year were taller than us. We had to rely on speed."

Hopefully, the confidence gained during the season will carry over into next season. That, together with a good recruiting season, should give WPI a very tough women's basketball team next year.

Sigma Alpha Epsilon's 20th Annual Car Rallye

Saturday
April 16, 1988



REGISTRATION: In the 'wedge' at
Worcester Polytechnic Institute
Starting Tuesday April 5th
COST: \$10, \$8 with a college ID

**Winners
get
Trophies!**

BENEFITS THE EASTER SEALS

for more information, call 792-9931 and ask for
the Car Rally Chairmen : Mike, Alix, Guilio, Greg, or Jay

Arts & Entertainment

Barry Crimmins: Satire at its finest

by Troy Kuehl

Boston comedian Barry Crimmins recently performed for a 75 member WPI audience in Gompei's Place. Crimmins is a political satirist and had humorous hard hitting attacks on all aspects of politics, and almost everything

else.

Nothing was safe from his observations and his subjects ranged from attacks on every New England state to the Statue of Liberty and the space shuttle program. His favorite topic, however, was the current faces in politics and especially the presidential race.

"Reagan recommends abstinence against

AIDS, boy is that easy for him to say," Crimmins said. He later commented on the race for president, "We have a problem, there is a presidential election coming up and someone has to win."

Although some of his 1960's-70's were lost to the young audience, most of his material kept the audience laughing. In addition, in most of his satire there was a definite flavor of concern and it was especially shown in several poignant comments on topics such as the death of innocent lives in the American attack on Lybia. "About the Lybia bombing thing, so many people said it was about time we did something against terrorism. Listen, terrorism can also be done with high tech equipment from the sky."

Crimmins ended the evening with several comments directed at the WPI students. He attempted to emphasize that our future survival depends on us choosing jobs to help create a better atmosphere to live in. He said that the knowledgeable people like WPI students have to look for jobs to help, not hurt the country. "You can get just as many jobs fixing the planet as you can screwing it up."



NEWSPEAK STAFF PHOTO/GARY DELGREGO
Barry Crimmins presents a mix of humor and poignant social commentary

Rehearsals underway for New Voices 6

by Helen Webb
Associate Editor

Rehearsals have begun for the twenty events that will make up New Voices 6, this year's edition of WPI's annual festival of student written, directed and performed plays. The festival will run Tuesday, April 25 through Saturday, April 30.

Under the guidance of Drama Professor Susan Vick, over 120 WPI students are involved in some aspect of the festival. There will be 20-scheduled events in New Voices 6, including 11 plays, seven monologues, what Vick describes a "dance-music-theater event" and a "video event" which will involve the use of a television screen on stage. In addition to the regularly scheduled events, there will be other activities taking place all week.

Last year, over 1,200 people attended New Voices 5. Vick hopes for an even larger attendance this year. The staging is being changed to allow for more seating, while still providing the intimacy important to live theater.

Remember last year's car give-away? This year, door prizes of cash and gift certificates from local merchants will be given out, and at every performance all in attendance can make a guess at the number of words in the scripts to be used for New Voices 6. The winner will receive a large cash award.

Many of this year's participants in New Voices have never been involved in drama at WPI before. However, many veterans familiar to WPI theater-goers are involved. Patrick Brennan has rewritten a monologue he wrote for New Voices in 1983. Anne Palmer, who wrote for last year's festival, has a new play this year. Nancy Teasdale has authored a monologue to be performed by Prof. Vick.

For the first time in several years, dance will be an integral part of one of the performances. Lee Lopes, who has been involved in music at WPI since 1984 and was a member of

"Farnum Street" has written the music for this year's "dance-music-theater" event.

Although all the plays have been cast, there is still room for people who want to help with production. Anyone interested should check the bulletin board outside the "green room" behind the stage in Alden Hall to see what is going on when.

Russian poet to head translation series

Poets translating other poets—the activity has become almost a second profession for many contemporary authors. Dmitry Bobyshev, a famous exiled Russian poet from the school of Anna Akhmatova in Leningrad, and Joseph Langland, a nationally known American poet, will present a joint reading of their poems with translations in WPI's Kinne-cutt Hall on Monday, April 18, at 7:30 p.m. This event, the first in a series of readings and discussions on the craft of translation is part of the spring program of the Worcester County Poetry Association.

Bobyshev grew up in Leningrad where he initially pursued an engineering education. A disciple of the great Russian poet Akhmatova, he began publishing poetry in Soviet periodicals in the 1950's. He emigrated to the U.S. in 1979, and worked as an engineer and teacher before assuming a post in Slavic Languages and Literature at the University of Illinois. His poetry and essays appear regularly in Russian language periodicals. English translations of his work have also appeared, some by Joseph Langland, co-editor of Poetry from the Russian Underground (1973) and author of five books of poetry, including Any Body's Song (1980).

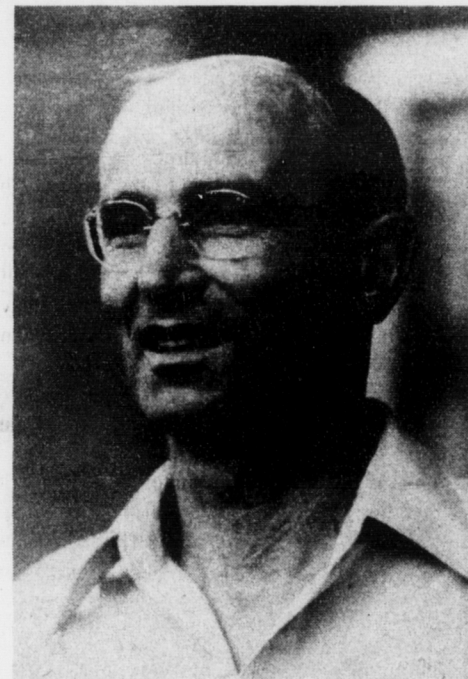
This series on "Poets and Translation" will include two other events. The renown Swedish poet Thomas Transtromer will appear at Worcester State College (Student Center) on,

Wednesday April 20 at 8:00 p.m. Robert Hass will read and discuss his translations of Transtromer and of the Nobel Prize winner Czeslaw Milosz at the Shrewsbury Public Library on Wednesday May 4 at 7:30 p.m. All programs are free and open to the public.

The series is funded in part by the Massachusetts Foundation for Humanities and Public Policy, a state program of the National Endowment for the Humanities. The poets will comment on their motivations for translation, and they will discuss the impact of translation in fostering a wider audience for specific types of poetry. As Worcester born Stanley Kkunitz has commented:

Poets are attracted to translation because it is a way of
paying their debt to tradition, of restoring life to shades,
of widening the company of their peers.

For more information, contact Kent Lungquist, 793-5246.



American poet Joseph Langland to present joint reading with Russian poet

Music Notes

Gimmicks Ruin the Show

by Troy Nielsen
Newspeak Staff

The purpose of this week's article is to shed some common misconceptions about popular music.

There's a lot of gimmicky devices used today in pop music. I've noticed that the gimmicks are generally used to cover the fact that the music is generic and boring. The people end up buying the records and going to the concerts because of the gimmicks and flash. Take, for example, Boy George and Cyndi Lauper. They both dress up and don tons of makeup to look outrageous. I don't care about that, but what gets me upset is the fact that they become popular because of the makeup. Immediately they gain attention from the media, and the hype continues until they became massively popular. Everyone talks about the way they look, but you never hear about the music as much. That's usually because it's nothing special. In fact, most of the time it sucks. There's so much hype about Michael Jackson that it's unreal. There are articles about his nose-lift and cosmetic surgery stuff, about his strange possessions, etc.

But you never hear about the music. What the hell? If he's not a musician, but yet his whole career is based on music, what the hell is he?

During the seventies, Kiss started the heavy metal dress code of leather, spikes, makeup, etc. The music Kiss made was ok at best, but when the people saw their costumes, all of the sudden they were a success. Something's wrong here.

In concert, the same nonsense goes on. The true purpose of light shows and stage set-ups is to enhance the music; to create a special atmosphere. Unfortunately, usually the stage shows are there to distract from the music. People come out of the concert raving about the stage set-up or the usual stuff. What about the music? They played everything exactly as the studio versions. It's like playing a record to a laser show. You go to a concert to see a performer play music, not to see lights.

Well, the point of this rambling on is to make you aware of what some musicians have done to popular music. I wonder if fans of these gimmick-users would enjoy their band if they saw them without all of the makeup, costumes, and lasers. It's refreshing to me to see Eric Clapton or U2 perform without the aid of gimmicks. They let the music do the talking.

Glee Club to present concert

by Steve Cabral
Professor Louis Curran

On Sunday, the 17th of April, at 7:00 pm, the WPI Glee Club will present its annual Alumni Concert at Trinity Lutheran Church across from the Worcester Art Museum. This concert will feature the music from their 5th European Tour. Admission is free.

The club members will be heard in works ranging from the Renaissance to the present day, climaxing in an a cappella setting of a Christmas poem: "Christmas 1963" set by Fenno Heath, the Marshall Bartholomew Professor of Choral Music at Yale University. This is the 2nd commissioned work by the WPI

Glee Club of Prof. Heath. The first commissioned work by WPI was "Hexagon on Billings", an arrangement of works by the Revolutionary war composer William Billings, by Prof. David McKay of our own College. In all three instances, these works of living composers were premiered in Europe by the WPI Glee Club.

Besides the main Glee Club, the Baker's Dozen, a subset of the organization, will be heard in their usual atmosphere. On the 18th of April, they will travel to New Haven, home of the famous Whiffenpoof's of Yale University for dinner with Fenno Heath, and a presentation to him.

This concert will be followed by the annual alumni/member/guest banquet.

Arts & Entertainment

Visions of the Dead generation

by Jeffrey Coy
Features Editor
and non-Dead Head

The couple, both in their forties, got out of the grey Subaru which they had parked outside of Mechanics Hall and began walking down Main Street toward the Centrum. He wore tattered, faded Levi's and a screened t-shirt. She had on a long, acid-washed skirt and a tie-dyed shirt. Her Reeboks were pink. Both sported conservative, finely-trimmed hair and gold Timexes. A Red Sox souvenir hung from the Subaru's rear view mirror, and a child's car seat was evident in the rear.

They joined the hordes of others heading toward the Grateful Dead concert. For a moment, I was tempted to wonder, "Do you know where your parents are?"

My friends and I wandered about the parking lot, simply enjoying the atmosphere. Walking down a hill, I stepped carefully over several shattered St. Pauli Girl beer bottles. All around, people were selling things: tie dyes, screened shirts, hats, sandwiches, brownies, "transcendental cookies" (bran, maybe?), ham sandwiches, bagels with cream cheese, and assorted controlled substances. The sounds of clattering tambourines drifted through air laced with the smell of grilling shishkabobs. It was a street fair out of the Berkley of the sixties.

"Don't talk to this guy," I heard someone shout. "He wants a hundred bucks a ticket. Don't even bother talking to the dude." The dude wore a black Grateful Dead shirt that had become thin where his beer belly protruded. He was a big guy, and no one would talk him down from one hundred dollars. His heavy brown beard was showing streaks of grey, and his tanned face was creased and wrinkled.

We walked between several parked cars and then came around behind a Volkswagen Microbus, the consummate Dead vehicle. Standing against one side of the van was a man of perhaps 20 or 25 years, his hair thick and stringy with dirt. He was being held there, leaning against the van, by a bearded man who looked 15 or 20 years older. He wore a dirty suede hat and new expensive leather boots.

His large hands pressed the younger guy threateningly against the VW. "I don't care what you think is right," said the older one. "You were in my territory, so I say what's right." Just then, he turned and noticed us. The younger one's face seemed to flash a glimmer of hope. The older one smiled commandingly at us. "Now why don't you young kids just move along and keep yourselves safe and happy?" He nodded to us, and we stood there for a moment or two, considering the situation. As the man turned back to his original business, his creased hands gripping the young man's shoulders even harder, we continued on, following the older one's advice.

The woman in the silk, floral print skirt reminded me of my grandmother at Thanksgiving dinner. She spooned out servings of a rice and tofu mixture as if it were some new-age cranberry sauce. Her hair was, like my grandmother's, totally white. She was explaining herself to an attractive girl wearing a Clark sweatshirt. "We just follow them everywhere," the woman said, referring to the Grateful Dead. "In holding on to them, we hold on to what we believe in; they represent what we believe in. Those beliefs that we fought so hard for then live on here." The girl from Clark seemed uneasy. "Look around you," she was told. "Look at how we all live together, like one, like a family. Even with AIDS, even with Reagan, the love that we knew twenty years ago still lives on. That's what the Dead represent to us. And that's why we follow them."

Behind this woman who reminded me of

my grandmother stood a teenage couple holding up a sign, looking for tickets. "We are 1, but we need 2," the sign read.

Two middle-aged couples sat together beneath the awning of a VW Bus. A Sony boom box next to them played a bootleg Grateful Dead tape as the women prepared ham and cheese sandwiches. One seemed extraordinarily pretty for her age. Her hair was golden, long and straight, and, even with no makeup, her face seemed fresh and clear. The other woman, her eyes closed, sang along with the tape as the men shared a smoke. The ham sandwiches looked good, made with home-made rye bread and thick slices of cheese. Next to the radio, colorful woven wristbands were also for sale.

All four of these adults seemed oblivious to the wailing child sitting on a blanket five feet behind them. I'm sure he belonged to one of the couples. He had the typical chubby face of a toddler. His fine blond hair, though, was dirty and knotted, and his clothes, old jeans and an oversized parka, were likewise dirty. Tears carved clean paths through the dust on his face. He sat there alone as we walked past, crying to himself, unaided by the four "children of the sixties" seated not even seven feet away.

We actually ran into the couple I saw leaving their Subaru on Main Street. They were considering whether or not to buy a "Dead-Opoly" shirt. The husband was examining one. "A Fruit of the Loom," he said. "They're the best to use. We always used these for tie-dye parties when I was back in school. They always seem to hold up the best." He ended up buying two, one for himself, and one for his wife. Then he also bought a Grateful Dead reflector to hang from the rear view mirror of the Subaru, I imagined. As the couple turned away, I noticed that her purse was a Gucci.

And then I realized that, somewhere, among the concert shirts and beads and brownies and crying children and graying hairs, the true ideology of the sixties has been lost. Only these people don't yet know. Perhaps someone should tell them.

Oh, yeah - the concert was pretty good, too.



NEWSPEAK FILE PHOTO

Dead-heads sell Grateful Dead paraphernalia and show off latest Grateful Dead fan in the family

Sixties come alive at the Worcester Art Museum

by Jeffrey Coy
Features Editor

The group of little kids in front of me at the Art Museum were having a great time. All were listening intently to their guide; not one ran about the gallery, touching paintings, pulling girls' hair, pushing over statues. Each seemed mesmerized and enticed by the works about them. They were actually having fun at the museum.

I don't remember ever having fun at my hometown art museum when I was a kid. I do remember being dragged from room to room by someone who was older than my grandparents and spoke like he was from England. And the works I was forced to look at were certainly not fun: marble carvings of fat women wearing leaves, paintings of old men praying, portraits of stuffy looking people wearing white and yellow lace against a dark background. And I especially hated those works composed of sheet metal or wire twisted so crazily that they most surely were in pain.

But, then again, these first or second-graders weren't looking at just any exhibit. Rather, they were enjoying what is perhaps the most exuberant visual treat offered by the museum

in years: Op and Pop. Prints of the Sixties. Composed mainly of works drawn from the Museum's own holdings and a few local private collections, the show pays homage to those two styles which helped to underscore the sixties as a period of remarkable vitality in American art.

"Op art" was a term coined by critics to describe the optical effects of such works. The viewers' eyes are manipulated by color theory and stark geometric lines to make the painting come alive and seem to move. This school was led by Josef Albers, an artist at the German Bauhaus art academy who taught at Yale in the sixties.

The Op prints in this exhibition all make use of bright colors and simple, repetitive geometric forms. In describing one work, one of the kids ahead of me was heard to say, "that's a funny one - it looks like it's spinning and popping out, all red and green."

The school of Pop art grew out of Abstract Expressionism as Robert Rauschenberg began adding realistic images from the mass media to his paintings in the 1950s. According to Jennifer Weininger of the Museum, "this interest accelerated as other artists exploited the vast visual reservoir of American Pop culture."

Here is the source of much of the

exhibition's excitement. Here, there are no fat women with fig leaves or skulls or stuffy old men. Rather than glorify the traditional subjects of art, Pop tends to elevate the banal and common by translating mundane, everyday objects into the bright and brash hues of art.

Here, there are large bright comic-book faces shouting, "now, mes petits... pour la France!" as an automatic weapon fires with a resounding "CRACK!" There is a huge tea bag made of formed plastic and styrofoam by Claes Olden, "Yankee" features a real rear view mirror with the image of an endless band of pavement screened onto it.

Here, there are visions of brightly-colored toilet paper, Kent State, Marilyn Monroe, a slice of wedding cake, lipstick, astronauts, Jackie Kennedy, and a Campbell's Chicken with Rice soup can. In short, here is America. Here are the sixties. As one youngster aptly summed up, "it looks like all squirrels and colors and Hollywood and veins and yucky stuff. It's almost like my backyard when I don't clean up after I play."

The Worcester Art Museum, located only a couple of blocks from the WPI Campus, will feature "Op and Pop: Prints of the Sixties" through April 24.

Most students face a long tough road after graduation. But this should help.

Pre-approved credit & \$400 cash back.

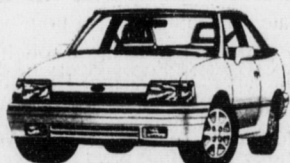
If you've received or will receive your bachelor's degree from a 4-year college, or graduate degree from an accredited institution between October 1, 1987 and January 31, 1989, you can qualify for Ford's Graduate Assistance Program.

We can give you pre-approved credit through Ford Credit and \$400 cash back that can be used as a down payment on your new Ford. Only if you buy one of the new Ford cars or trucks listed below and only if you take delivery by December 31, 1988. Ask your dealer about other retail incentives which may be available, too.

For more information, call this toll-free number: 1-800-321-1536. Or see your New England Ford Dealer today.



Escort EXP



Escort GT



Escort



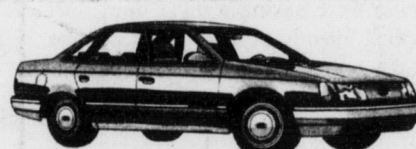
Festiva



Tempo



Mustang



Taurus



Thunderbird



Probe



Bronco II



Aerostar



Ranger



New England Ford Dealers
No one knows New Englanders better.

Private pursuits and public lifelessness

by Marc Rose
Mathematics Instructor

Once upon a time, there was a very able professor of politics. He lectured eloquently, goaded his students to speak out in class, and showed them a new and deeper approach to the world - indeed, to thinking itself. With this new, more critical approach, the students could even ask embarrassing questions about the most widely assumed truths of the day: was the last war actually a brutal sacrifice for no one's good but that of the Kind? Is it possible that when people are starving, it is not necessarily due to their own laziness or a simple lack of rain? Does the Emperor just mouth the lines fed to him by his Regent?

Strangely enough, this professor was not alone in his free- thinking. All across the land, other teachers of the young took a critical stance, awakening each year's novices to the possible perils of the King's "free trade," and his legions of spies and mercenaries. They tried to teach a history which neither the students' parents nor the journals of the day exposed. Not only that, but without much persistence at all one could see that the whole land was full of murmuring. Why, every other person one met thought the King was a dodo, a sheltered nin-compoop who repeated the same old lies. Even instructors at the Royal Academy, where young officers were taught how to build better catapults for the suppression of barbarian revolts, were heard to condemn the latest infamy. Overpriced chariots for the legions, but the poor don't eat! More theft in court circles than in any reign in memory! These teachers, in fact, were so liberal that they spent a whole month trying to increase the officers' "cultural awareness" of the barbarians! Of course, even though many barbarians lived in territories incorporated into the Empire, they were not yet deemed worthy of royal service - as could be seen by their lack at the Academy. But everyone respected their endurance and creativity, and it was even thought that the not-too-distant future would find some of even dining at the royal table!

Yet in spite of all these teachings and grumblings, the livid classroom lectures and passionate declarations over lunch, little changed. In

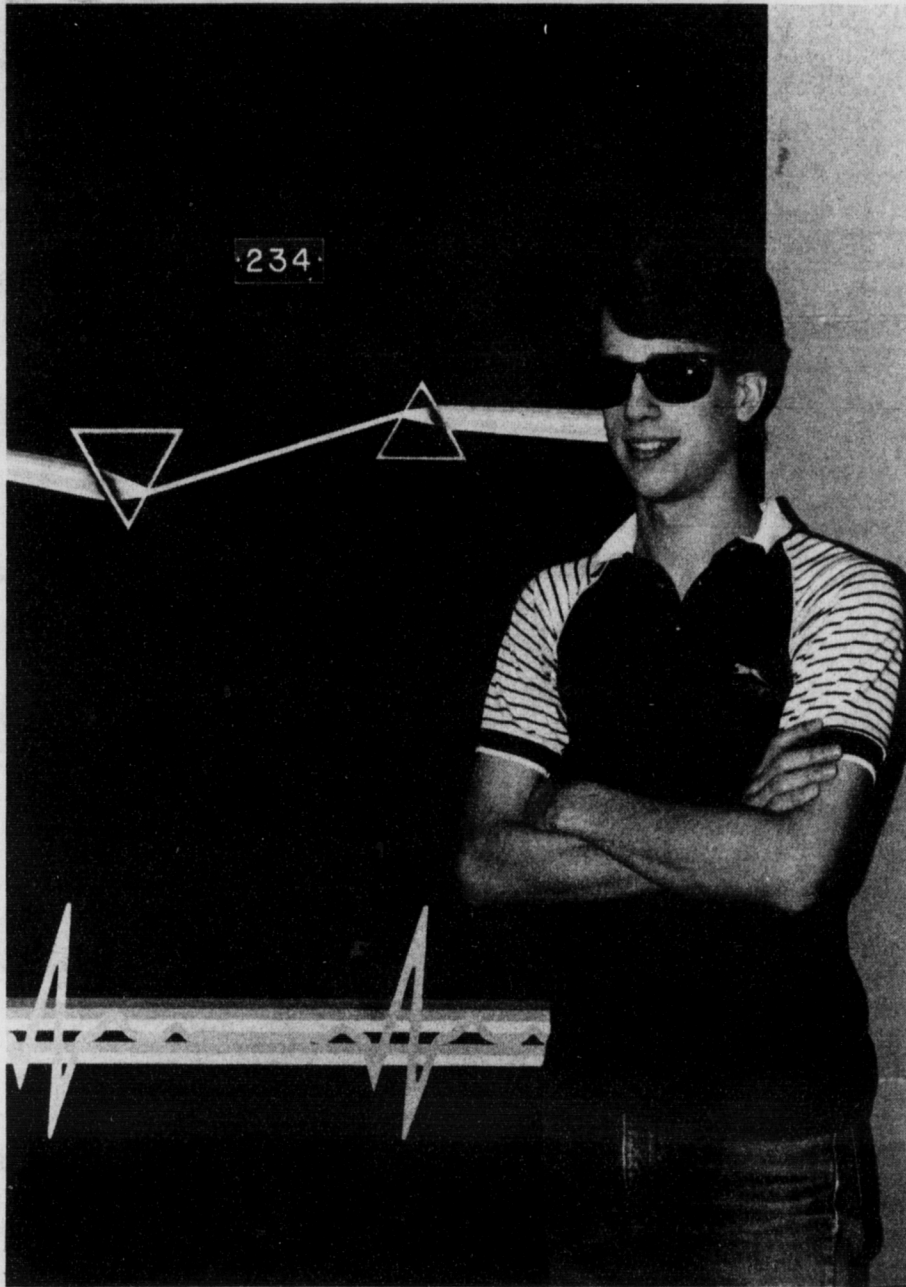
fact, things even began to get worse - the misadventures of the king's sycophants multiplied without bound, and the laws of Parliament were ignored. Bloodshed and starvation both at home and in the native territories, which the King was always claiming were threatened by the other States, grew rampant. The King even plotted the overthrow of a southern Viceroy who used to be one of his favorites! Meanwhile, the most influential journals of the day seemed to be critical, but never really challenged the government's line.

This paradox between the stability of the State and the rebellious spirit in the land is even stranger when one considers that no matter how radical were some of the forums and teachings of the professors, they went unpunished by the authorities! Could this be partly because few could understand their most cherished writings, due to the subtlety and profundity of their language? Perhaps, but one must admit that progress is progress, even if some were left behind as the day's leading thinkers scaled the Olympian heights. In any case, surely this was a wondrous Empire, that could tolerate, nay, carry its own gadflies like so many lampreys upon a whale!

Of course, it was not unknown for the leviathan to shake its tail now and then to rid itself of a few who made too much noise. But these zealots were few and far between, and their number was not large enough to be heard. Nor were they always persistent in their opposition. Some ventured quite daunting acts, like standing on the desk of a Rector whom they suspected of being too close to the King. But a few years later they had jobs which required that all grumbling be done at lunch, or in one's living room.

And so the Empire ground on in its unique, serpentine way. The seemingly wild oscillations in the mood and spirit of the people did little to hamper the State's general consistency. The rich did not refuse to get richer, and the poor seemed quite happy to get poorer. Thankfully, those with the ablest minds of all were free to grumble by the hearth as they dined at the expense of the King. While this may not have been just, those of us who look back with pity at these days of trial may be comforted that those who were most sensitive did not suffer over much.

Door-Painting Winner



The Residence Hall Council is happy to announce that the winner of the door-painting contest is Morgan 234 for its reproduction of the cover of Pink Floyd's "Dark Side of the Moon". Peter Jenkins will receive a gift certificate for the Aku-Aku for his efforts. It was difficult to choose a winner from the many fantastic entries we had and Residence Hall Council would like to extend its gratitude to all those who entered and helped to brighten up our dorms.

THE BOYNTON

RESTAURANT & CATERING SERVICE

117 Highland St. Worcester, MA

"Look Into Our Blackboard Specials"

EVENING SPECIALS

MONDAY: Twin Lobsters

TUESDAY: Filet Mignon Chateau

WEDNESDAY: Broiled Seafood Platter

THURSDAY: N.Y. SIRLOIN

FRIDAY: Baked Stuffed Lobster

SATURDAY: Prime Rib

Needs assessment survey a success

(UMass) -University of Massachusetts Medical School and the National Institute of Allergy and Infectious Diseases recently conducted a survey on the WPI campus with the participants receiving a \$2 bill. Over 400 surveys were distributed, completed, and collected at a rate exceeding 100 per hour with almost a 100% participation of those solicited.

The survey was designed to identify specific educational needs of college students regarding the Human Immunodeficiency Virus, the retrovirus which is responsible for the AIDS epidemic. Data obtained from the survey will be pooled with that of other colleges of the Worcester Consortium for Higher Education, and an educational program will be offered on each campus which will reflect the findings.

It was hoped that the survey distribution would create enthusiastic participation by most students, and that some discussion regarding the facts and issues surrounding AIDS would be inspired. It appears to have served that purpose well.

Spring Weekend '88

April 22-23

The Great Escape

Tickets and T-Shirts on Sale Thursday April 14, 1988 Limited Seats - So Buy Early

SNAP

security night patrol

NOW HIRING

**D TERM
and
'88 - '89**

Applications available at Residential Life

The Office of the Dean of Students
Sponsors....

A Self-Defense Workshop for Women of WPI:

Simple and Effective Techniques for Home and
Street Safety.

Taught By The Boston Women's Self-Defense
Collective.

**Thursday April 14
7:00-9:00p.m.
Harrington Gym**

Wear loose comfortable clothing !!!

**Great
Bands**

**O Positive
with**

**Great
Sound**

DEAD MEN on HOLIDAY



Be There!

**at Gompei's Place
Friday, April 15 at 8:30 PM**

On Thursday, April 14, at 4:30 p.m. (in Newell Hall, Atwater Kent) in a talk sponsored by WPI's Educational Development Council, Dr. Robert M. Diamond, Assistant Vice-Chancellor and Director of the Center for Instructional Development at Syracuse University, will speak on the topic "Courses, Curricula, the Student and the Future: One Perspective."

Dr. Diamond's talk will describe the problems facing higher education, the Center for Instructional Development model, the role of data in decision-making, and the impact the model can have on courses, curricula, and learning.

1879 Award ceremony

(WPI) - The annual "Class of 1879 Award" ceremony, given to the best sufficiencies completed in 1987, will take place on Thursday, April 14, at 4:30 p.m. in the Wedge. At this ceremony, three cash awards and certificates will be given to the winners.

The Class of 1879 Award is the second oldest award given to WPI undergraduates surpassed in longevity only by the Salisbury Prize. Several years ago, the Department of Humanities restructured the award competition to honor the most outstanding sufficiencies completed in each calendar year.

Over thirty-five entries were submitted in this year's competition, which is being judged by a three-member committee consisting of

Professors Bland Addison, Kent Ljungquist, and David McKay. The submissions represented all the disciplines in the Humanities Department.

The ceremony is open to all members of the

WPI community. Refreshments will be served.

For further information, contact Bland Addison or Kent Ljungquist, Ext. 5246.

Senior information

TICKET INFORMATION

Tickets for graduation - Saturday, May 21, 1988 This will be the policy for the 1988 commencement.

1. Three (3) tickets and three (3) invitations per graduating senior, masters, and PhD candidates. Verification (not verified means you may not participate) of degree candidates will be by the registrar.

2. Tickets can be obtained only at the office of Graduate and Career Plans beginning Monday, April 25th. You must pick up your own tickets (no others) by Friday, April 29th. After that date the unclaimed tickets will be put into a pool.

3. If you don't need your allotted tickets it will be appreciated if you tell OGCP. These will be put into a pool.

4. If additional tickets are desired by any graduate — leave your name and extra number wanted. The pool will be held Tuesday, May 3rd for distribution of extra tickets. Check with OGCP on the 5th to learn how many more you

may have.

5. If you receive tickets but are unable to graduate — please return to OGCP to reissue.

6. Remind family and friends that admission at the door is by ticket only.

If you have any questions, call Bill Trask, Director of OGCP 793- 5260. Remember no tickets needed for locations where close circuit TV's are located.

Commencement Information

Saturday, May 21 at 1 pm.

Cap and Gown information available at bookstore as of May 2nd - cost \$12.95.

Seniors must notify the Registrar's Office if they are not planning to attend.

Line up at 12:00 in front of Boynton Hall, Saturday, May 21st. In case of rain — line-up in Alumni Gym Basketball Court.

Students who have handicapped relatives who will be attending should contact Bill Trask.

WPI . . . A closer look

The Admissions Office has sent letters of acceptance to about 1800 very qualified high school seniors. Most of these students have also received offers of admission from many other highly competitive colleges and universities and now have to decide where they would like to spend the next four years! To assist in their decision-making process, the Admissions Office is sponsoring, "WPI ... A Closer Look" on Wednesday, April 13 from 8:30-3:00 p.m. Your cooperation and support in helping to make this a positive experience for these students and their parents will be greatly appreciated.

Following is a brief description of the day's events:

David Cyganski, Chief Information Officer, will deliver the opening address, "Computers and the WPI Student," to the group of approximately 600 students and parents. Following this, Robert Voss, Executive Director of Admissions and Financial Aid, will present an entertaining preview of what the Class of 1992

may look like. Throughout the remainder of the morning, the participants will attend panels about Co-op, Career Planning and Placement, and the role of the Humanities at WPI. The group will then have lunch and be entertained by the WPI Stage Band and the Baker's Dozen. They also will have the chance to stroll around an Activities Fair to discover the diverse student clubs and organizations available at WPI.

After lunch, the students and their parents will meet with faculty and current students as they attend presentations by the academic departments. At the end of the day, everyone will have a chance to sample some of the exciting MQP's and IQP's being conducted by WPI students as they take part in a Projects Fair.

By 3:00 p.m. everyone will probably be exhausted, but hopefully enthusiastic about the variety of opportunities available to them if they select to attend WPI. The program should prove to be a success in attracting students to WPI's Class of 1992!

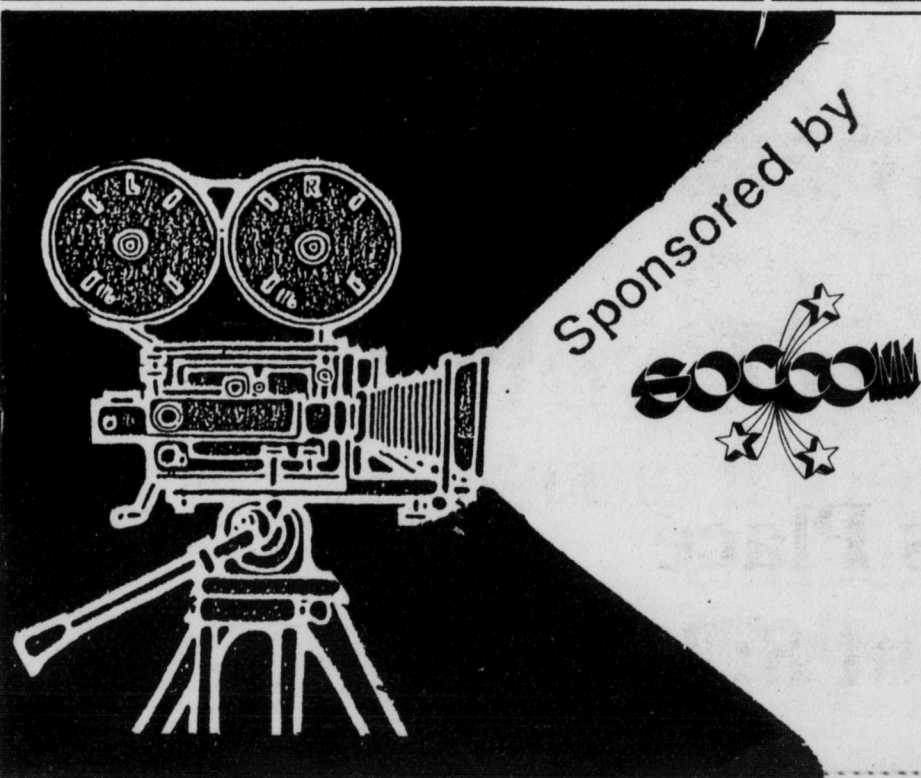
ALL STUDENTS ARE INVITED TO:

THE 1988 SAS PROJECTS NIGHT COMPETITION FOR MQP'S

ON THURSDAY, APRIL 14
AT 7:00 PM

IN HIGGINS LABS
109*

*NOTE THE LOCATION CHANGE FROM PREVIOUS ANNOUNCEMENTS!



THE REEL THING

Presents

Stakeout

6:30 and 9:30 PM

in Alden Hall
Sunday, April 17



A NIGHT WITH THE HOOTERS



APRIL 19, 1988
HARRINGTON AUDITORIUM 8:00 P.M.

TICKETS ON SALE NOW:

DANIELS TICKET BOOTH 10-3 P.M.

\$3.00 WPI Students

\$8.00 Faculty, Staff, Alumni

GREEK CORNER

GREEK OF THE WEEK

Edith Mickey, a senior electrical engineering major, has been chosen as this week's Panhellenic Association's Greek of the Week.

Edie has done so much during her four year college career, that it is difficult to know where to begin. She has held an office in her sorority, Delta Phi Epsilon, every year — Pledge Secretary freshman year, Social Chairman sophomore year, then Panhel Delegate her Junior year. Senior year found her Panhel's president where she started a new Rush Counselor Program.

Perhaps Edie's greatest accomplishments lie in improving the social aspect of WPI. In 1986, she was co-chairperson of the Pub Renovations Committee which included researching decorating companies, projecting costs and demonstrating the need for a better pub. She was also active in Gompei's Entertainment Committee in 1986. She was in charge of Saturday bands which included booking the bands and advertising the events.

Edie has been an active participant in many other groups. She has been a member of Woman's Chorale for four years and was holding the office of treasurer, where she had the responsibility of keeping the organization within its budget. As for sports, Edie has been involved in both the varsity field hockey and

varsity track and field.

Somehow Edie also found time for academics; her GPA is equivalent to a 3.5, and she has held a DEC scholarship since her sophomore year.

ALPHA CHI RHO

Greetings from Alpha Chi Rho. Our annual "Bungle in the Jungle" party was held this past Friday. Thanks to Mickey for making the party a great success and fun for all. It was our first "official" party at Boynton Street this term but Jim, Itch and Gregor have made sure that there's always a party at Fruit Street. By the way, Bill, after all that partying, how's your head? I guess that's how seniors are supposed to spend their last term at college.

Congratulations to our intramural teams for an awesome weeks. Our soccer A-team defeated Sigma Pi 5-2 with Wayne Jarrett providing the margin of victory with a hat trick and an assist. Our hockey A-team defeated AE 8-2 as Paul LoPiccolo scored five goals to power the team to victory. Also, everyone had a great time playing softball against the grads Saturday. Thanks to Sean Sweeney for organizing a fun time for all.

On a more serious note, congratulations to Brian Murphy and Susan Feddema for their

recent induction into Chi Epsilon, the Civil Engineering honor society.

ALPHA GAMMA DELTA

We are proud to announce that four of our sisters have been initiated into honor societies. Congratulations to Bridget Sayce, Julie Raboin and Stacy Valhouli who are now members of Epsilon Upsilon Pi, the Management Honor Society. Also congratulations to Lisa Battista who is now a member of the Math Honor Society. Roses to Jenn Tobin on being named the SAS chairperson for next year!

Shamim, we miss you. Hope you can come back to us soon. Get Well. Congratulations to Allison, Anne & Sharon for actually completing one assignment this D-term. Madame Tiffany's Integrating school! King Wajiejie says NO LIKE. Sharon, Edgar says "hello" - He's coming to get you!! Morgan 4th - WE WON - Daniels 2nd. Vern and Gweeks - the next time you plan a slumber party, why don't you tell us first. Don't analyze!! Don't rationalize!! Just accept!! No, don't accept!!

Seniors, the meeting won't be the same without you! We'll miss you!

ALPHA TAU OMEGA

This week was an exceptional one at the Tau

house because nobody gave his pin away or became engaged. That is probably because they were too busy getting hurt as the ATO Golden Crutca Club is alive and thriving with new inductees.

ATO would like to thank Jeff Wilson from National for coming and spending a week giving us good insights and ideas about chapter houses. Speaking of other houses, don't forget the Conclave at UNH this weekend, ask Woods or Farr for the fastest route. We can shoot pool on the bus during the ride.

On the sports scene all things are looking up behind new Athletic Chairman John Travolta for the Cup to stay where it is. While on sports, Chips those poor Sabres are being smashed.

Due to recent cutbacks this message has been reduced to PAY YOUR HOUSEBILLS or you'll be living in Welch's shantytown behind the dumpster.

Congratulation goes out to the seniors on successful jobhunting this year. Good Luck.

Bert, good thing you got your contacts back so you can catch those fly balls in center. Hey, who's got "The Jim DellaGatta Memorial" Award now? Great barbecue Wednesday, especially the weather. Phone-a-thon tomorrow night.

SIGMA ALPHA EPSILON

Coming to the middle of D-term and the weather about to break, the brothers of SAE are falling victim to spring fever. "Welcome to the Jungle," boys! Golf and hackey-sack in the park are well as "_____ beach are become a priority. "Grades, Grades, Grades!" - easy Venning; take it easy.

The past weekend's escapades proved adventuresome. Drivin' that "Nightrain", trippin' all the way from Worcester's "Dead" to the Celt's win and back again for Saturday.

Stillhead's Appetite for Destruction was up - "Anything Goes" Rm. 9 primer. Davco and Louie, tell them "It's So Easy" to be a "Rocket Queen."

The second half of the term looks very promising. A-team sports on a roll! Great win last week by our undefeated soccer team 3-2 in overtime over ATO. What could we expect with outstanding performances from Tony "I'll try to hit the net" Landry, the Ogor, Scooby "Kill ball" Zam-kick, Dusendefense, and of course Santa Vague One in goal: "Back Keithman, up Brettstar, go Chipster, Davco and Grablitz." Touché to hockey brilliance: 12-1 victory and going strong on to playoffs.

Next weekend - SAE's infamous CAR RALLYE - the most fun on 4 wheels under the sun!

Paddy Murphy coming soon! Brothers plug and chug - do what it takes - this year's trip to Maine - hopefully everyone makes! Five Apples.

SIGMA PI

Well, I hope everyone recovered from World War Two over the weekend. Get ready to go South 'o' the Border this weekend with our Buddy Weiser. Remember the D in D-term stands for drink! More news... During the week Van Fromin gave new meaning to the term "Final Four." It's getting close to the wire - the question is, who is going to earn the "Most Useless Human Being Award?" The finalists are our own Fulton, Naz Quave, and Derek. Contestants will be scored in 3 categories - flicks, fireworks, and cards. On a new E.C. member note - our secretary is really a pencil, now. Good luck to all the "graduating seniors" - ha! IF you finish your IQP's. On a final note. The funnelator is back and its hungry... for you! Don't forget, we've got a new shipment of booze for this term - let's get cocked.

HE'S THE GURU OF GOOD TIMES!

BUD LIGHT

Party Right with Bud Light!

SPUDS MACKENZIE, THE ORIGINAL PARTY ANIMAL

MEXICAN FOOD IS THE HEALTHIEST OF NATURAL FOODS

★★★ENJOY CASUAL DINING from \$3.99

AT WORCESTER'S MOST POPULAR RESTAURANT

Acapulco

MEXICAN RESTAURANT
107 HIGHLAND ST. 791-1746
FAST CARRY-OUT SERVICE

OPEN TIL 4 AM BYOB

CLUB CORNER

AFROTC

The cadets of AFROTC Detachment 340 would like to congratulate WPI student Phil Brenner for winning the AFROTC raffle. Mr. Brenner won a VCR and a lifetime movie rental pass. Thanks to all those who purchased raffle tickets.

Ops Order for the week of 10 April:

Wed 13 April Llab:

President's Review Practice

Time - 15:30

Uniform - Service Dress

Place - Hart Center

AMNESTY INTERNATIONAL

WPI invites all WPI students to come to our next meeting on Monday, April 25, at 8 p.m. in HL 212. Amnesty International is a worldwide human rights organization with nearly 750,000 members. If you would like to join us or if you want more information, try to come to the meeting. This AI chapter formed 5 months ago and has already quadrupled its membership, but we need your support to ensure that the club will survive for years to come. Now, some other notes. Our newly elected officers are:

Chairperson - Steven (Vincent) Pavao

Vice-chairperson - Gary Placzek

Secretary - Donna M. Roche

Treasurer - Melissa Lichwan

Congratulations!

Also, a huge thank you to the general membership for all the time and effort that was (and is) necessary to keep the club going during its infancy.

THE ART CLUB

There will be an organizational meeting of The Artclub at Tech on Tuesday April 12 at 4:30 p.m. in SL 011. All are welcome. We will be exchanging information on art exhibitions in New England and planning trips to visit them. For more information contact The Artclub at Tech, Box 2089.

ASSOCIATION for COMPUTER MACHINERY

The officers for next year are Jeff LeBlanc-Chairman, Dave Gosselin-Vice Chairman, Christiano Pierry-Secretary, and Seth Hillman-Treasurer. ACM has scheduled a person from Uptime Magazine, a computer magazine printed on disk for users of the IBM, Apple, Mac and C-64 systems, to speak on Tuesday April 19 at 11:00 a.m. in Salisbury 121. We are also organizing a D-term CS student/faculty Bar-B-Que for Friday April 29 from 11:00 a.m. to 2:00 p.m. on Higgins House lawn. Anyone interested in joining ACM is encouraged to contact Jeff LeBlanc at box 1302.

EPSILON UPSILON PI

The Management Honor Society wishes to announce the recent induction of the following members: Dan Bruso, James Calarese, Steven DeCoste, Donald LeBlanc, Carolyn Niedermeier, Julie Raboin, Lauren Rowley, Bridget Sayce, and Anastasia Valhouli. Our newly elected officers are: President Dan Bruso, Vice-President Anastasia Valhouli, Treasurer Lauren Rowley, and Secretary Steven DeCoste. Congratulations to our new members on their outstanding academic performance and their valuable contributions to other WPI organizations. We wish them further success in their academic and professional careers.

NEWMAN CLUB NEWS

On Sunday, April 10th, the Most Rev. Timothy J. Harrington, D.D., Bishop of Worcester, celebrated the 11:30 a.m. Mass in Alden. At that time, he confirmed four students, installed thirty-one Eucharistic Ministers, four Lectors and the Newman Club Officers and Chairpersons.

Newman Club Officers are:

President: Patricia J. Newcomer

Secretary: Maura E. Collins

Eucharistic Chairperson: Michelle D. Petkers

Folk Group Chairperson: Michael A. Marando

Hospitality Chairperson: Melissa M. Lichwan

Social Chairperson: Michael G. Messer

Senior Advisors: Mark Weil &

Kathy Ann Hepp

The next meeting of the Newman Council will be April 21st at 9:00 p.m. at the Religious Center.

SAB

There will be a President's Council meeting this Thursday, April 14, in AK 116 at 7:30. All members need to attend. Items on the agenda include the formation of a Risk Analysis Committee and discussing proposed membership requirements and policy. Because of the time it will take to get these plus other business taken care of, the 88-89 budget will not be presented at this meeting. All groups not presently members of the SAB are encouraged to come to the April 14 meeting to have some input on recognition and membership policy. Good luck to the Budget Committee in balancing the budget.

Why join army ROTC?

by Cdt/SSgt Magda E. Bonnin

Having someone pay for tuition, books and having a monthly allowance sounds pretty tempting, doesn't it? Well, Army ROTC offers the opportunity to get this and a lot more.

As an Army ROTC cadet I have learned things that otherwise I would have never had the opportunity to learn. Such things include Land Navigation, Tactics, First Aid and others. Most of these classes are fun and at the same time they gave me the opportunity to learn a lot about leadership. This leadership training has helped me with the different positions I hold on campus and there is no doubt that they will be a lot of help when I go out into the real world. Of course, not everything is classroom training.

We conduct activities in the field such as Land Navigation Course, a weekend of Squad Tactics, Rapelling Weekends and more.

One of the most important benefits of Army ROTC is growing as a person. A sense of self-confidence is developed in each person. You realize how much potential you have and as a result you end up feeling very good about yourself when you find out that you have the courage to do some things that others wouldn't do.

If joining Army ROTC ever crossed your mind or if this sounds very tempting to you, I encourage you to talk to someone in the program or stop by the ROTC office located in Harrington's basement. Also on April 16, Army ROTC will be having a Bar-B-Q for all those interested in the program, together with those already enrolled. This will be a great opportunity to get to know other cadets and answer those questions you may have. So go ahead, find an Army ROTC cadet, and have him or her sponsor you in this great event. We will be very happy to see you there!

SOPHOMORES AND JUNIORS

ADMISSIONS INTERNS FOR 1988-89

The Office of Admissions is accepting applications for Admissions Interns for the academic year 1988-89. The position includes assisting the Admissions staff with high school college nights, campus tours and on-campus programs for prospective students. If interested, please contact Johnna Coggin in the Office of Admissions. Applications must be submitted by Friday, April 22, 1988.

HUNGRY?

THINK
ITALIAN

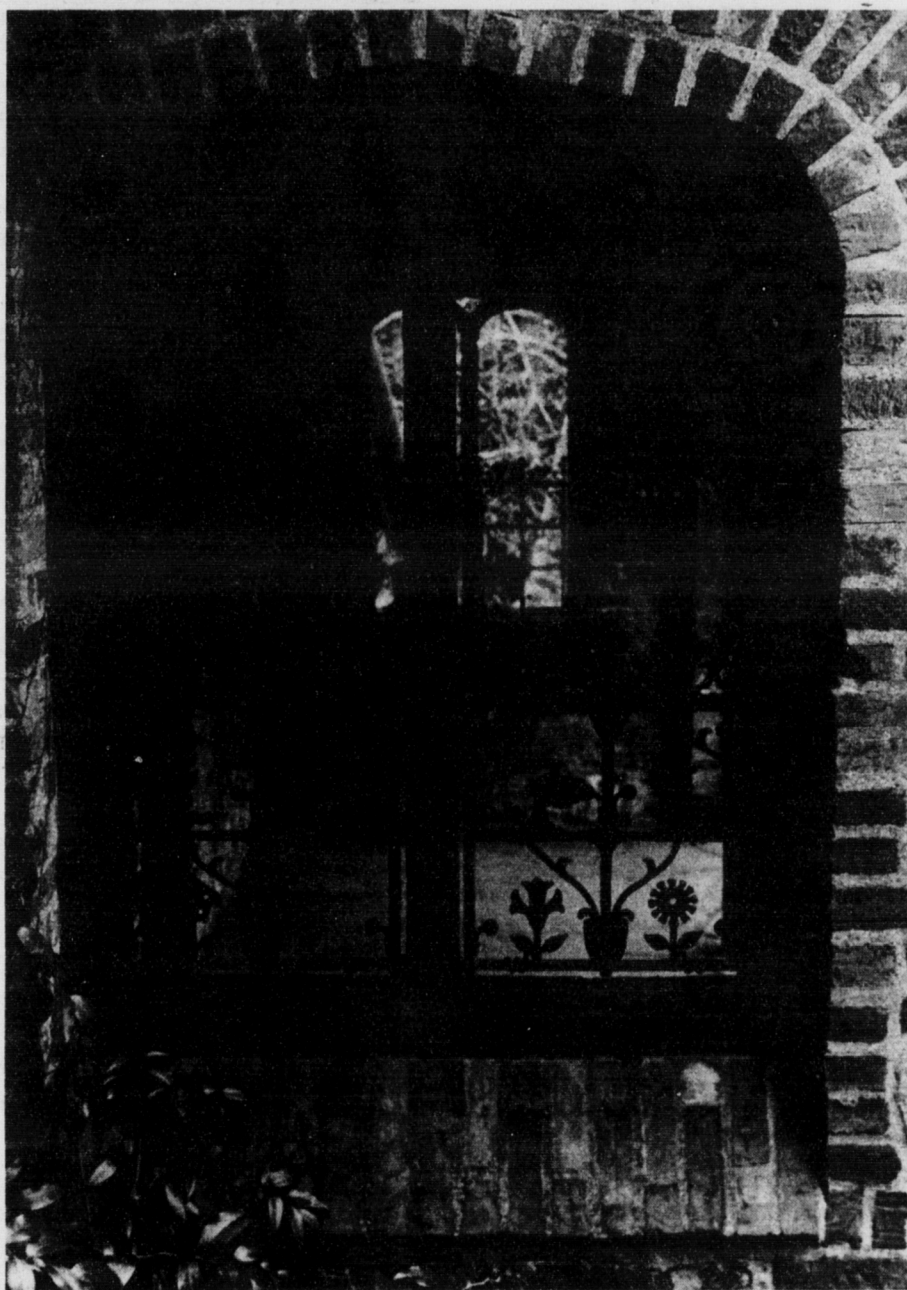
THINK

ANGELA'S

257 Park Ave.
Worcester, Ma.

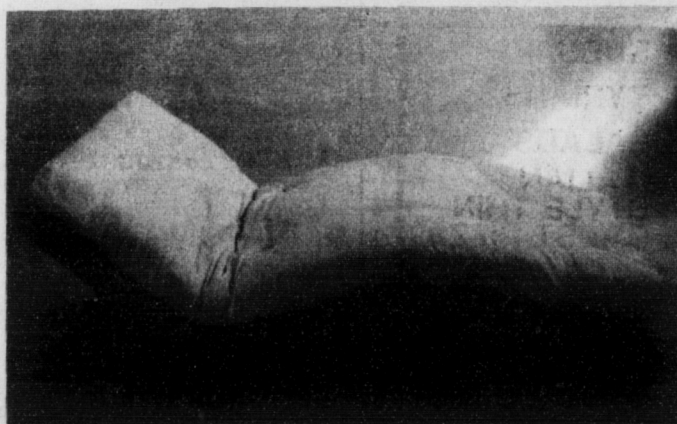
Tues.-Sun: 4:30-10:30

What The Heck is This?



Well, after a week off, it's back to playing "What the Heck is This?" Congratulations go out to Michael Ward '91 for his correct entry identifying the tablet on the southwest corner of the power plant at Washburn Shops (and Stoddard Labs). This week's winner will receive a free Domino's pizza, courtesy of Newspeak. So come on, get your entries in to: Newspeak, Box 2700 by noon on Friday. Good Luck.

D'fko futon compatible convertible \$160 TWIN



Couch, Recliner, Bed- our versatile D'FKO Frame is all you need & everything you could want at an incredibly affordable price. We make them, & we guarantee them. Now available - the Bay Frame - a fine piece of convertible furniture from \$285.

XHAXH

29 PLEASANT ST.
WORCESTER
11 PLEASANT ST.
NORTHAMPTON

269 HUNTINGTON AVE.
BOSTON
239 WICHENDON ST.
PROVIDENCE



Third Anniversary Special
AXU-AXU WORCESTER

Luncheon—Dinner Take-Out
792-1124

11 E. Central St., Worcester
Centrum exit 16 off I-290—Opp. Worc. Post Office

VISIT OUR OTHER LOCATIONS IN

CAMBRIDGE Alewife Parkway Next to Alewife T	BOSTON 109 Brookline Ave. Near Fenway Park
--	---



AXU-AXU
HOME OF THE "ORIGINAL" **SCORPION BOWL**

MAI TAI LOVE POTION



AXU-AXU SAVE \$5.00
ON ANY SIZE **PU PU PLATTER** WITH THIS COUPON

1 COUPON PER TABLE IN DINING ROOM OR LOUNGE ONLY EXP. 5/15/88

BOSTON 189 BROOKLINE AVE. OPEN 11:30 AM to 1 AM 536-0420	CAMBRIDGE 149 ALEWIFE BROOK PKWY. OPEN DAILY 11:30 AM to 2 AM 491-5377	WORCESTER 11 E. CENTRAL ST. OPEN 11:30 AM to 1 AM 792-1124
--	--	--

CLASSIFIEDS

DATSUN 200SX FOR SALE. 5-speed, stereo, very dependable student car \$600 or b.o. Contact Kara p.o. 1336 or 797-4883.

APARTMENT FOR SUBLET!! May through August '88. West Street. 5 min walk. \$150/month. Unfurnished. Kitchen & more. Call 792-9129 ask for Dave. Non-smoker. Quit.

Female - roommate wanted for newly renovated Apt. less than 1 block from WPI. Non-smoker. Large bedroom with closet available. Call Shelly or Laura at 792-2551.

GOLF GTI, Black 1986 - FOR SALE. Air conditioning, stereo, excellent condition. \$7,500.- Call 829-2744.

WANTED: MOTORCYCLE. looking for a 125cc Scrambler. Owner call Frank at 792-5407.

WPI HOCKEY PLAYERS — Turn in your equipment to Coach AT RINK by Friday.

FOR SALE three family close to WPI. 5/5/6, 3 bedrooms each. Separate utilities. 10 year old roof, aluminum sided, room for off street parking - good location. Long term investment - \$169000. Horne and Hastings Associates - Shirley Newell 756-5761.

Nice 2-3 bedroom apartments, near campus. Gas heat, appliances, parking, year-lease. Call Shea Realty 755-2996.

APARTMENT FOR RENT. Clean, sunny, modern, 2-4 person apartment. Two minutes from campus, off street parking. Stove, refrigerator, \$500 includes utilities. 799-9833 call between 6:00 - 7:30 pm.

APARTMENTS FOR RENT. 3-4 bedrooms off Highland Street. Also 3 decker with 3 apartments. All have 3 bedrooms. Call 835-2806.

... and I have to say this quietly, because I hate saying it... canoe and vacuum cleaner make IT!!!

Lovelorn? Ask the expert - enter Loveland. Box 285 for free advice from the Doctor.

Alex, Happy 20th Birthday!

Hey BABS - What's that in your shoe??? -

SPUDS-

Yo, Dougie!!! What's up? (hee hee)

Hey, Everybody! Dead Men on Holiday April 15th at 8:30 in the Pub. O Positive will be playing. We encourage all of you to come out and experience a great show.

Betty, the fox, is alive and well!!!!!!

Steph Boska and Theresa Kist.

Waiters wanted at 40 Yard Line Pub, West Boylston, Worcester Line RT 12. Excellent tips - Call 853-0789 and ask for Jim Girouard or Bill Paquette.

Three researchers needed to do photocopy work at Worcester Public Library. Biology Majors who need money for easy work. Call 752-4524 ask for Dave or Linda.

PATENT FIRM has positions for graduating students with a strong physics, electronics, or computer background interested in patent law. Send resume to James M. Smith, Esq., Hamilton, Brook, Smith & Reynolds, Two Militia Drive, Lexington, MA 02173.

CRUISE SHIPS. Now hiring m/f. Summer and career opportunities (will train). Excellent pay plus world travel. Hawaii, Bahamas, Caribbean, etc. CALL NOW: 206-736-0775

Summer Positions in Marketing, Advertising, & Sales Promotion

\$10.25 to Start

- Pay increases with experience
- Management/Advancement opportunities in national firm
- Internships and scholarships available
- Resume experience and recommendations possible
- Approximately 1000 positions throughout New England
- All majors may apply

Interview now - begin after exams
For interview and orientation appointment

call 852-1680



DELIVERS
lunch til closing

- SUBS
- SYRIANS
- SALADS
- ITALIAN STYLE THIN CRUST PIZZA

\$100 off ANY LARGE PIZZA
with cheese and one or more toppings
One Coupon Per Visit Or Delivery
EXPIRES: 4/19/88

753-3777 WPI corner of Park & Pleasant

BEN & JERRY'S

VERMONT'S FINEST ALL NATURAL ICE CREAM

What's Happening

Tuesday, April 12, 1988

11:00 a.m. Seminar: Development of the Area Rule and NASA Supercritical Airfoil, presented by Dr. Richard T. Whitcomb (a WPI alumnus). Higgins Labs Room 109.

11:30 - 1:30 p.m. Campus Ministry, Gathering in the Wedge

7:30 p.m. Cinematech Rosa Luxemburg (subtitle) is written and directed by Margarethe von Trotta with Barbara Sukowa in the main role. Alden Hall.

7:30 p.m. Lacrosse vs. Assumption College (H)

Wednesday, April 13, 1988

11:30 a.m. WPI Stage Band, Richard Falco, Director, Harrington Auditorium

12:00 p.m. Weekday Mass to be held at the Center.

9:00 p.m. The New Thing One Flew Over the Cuckoo's Nest, Gompei's Place \$1.00

Thursday, April 14, 1988

9:00 - 4:00 p.m. Wellness Day - Wedge

7:30 p.m. Folk Group meeting at the Center. We encourage both Males and Females to join our singing group.

Friday, April 15, 1988

9:00 p.m. "O-Positive", Gompei's Place

Saturday, April 16, 1988

7:30 p.m. Lacrosse vs. Clark University (H)

Sunday, April 17, 1988

11:30 a.m. Mass in Alden Hall

6:00 p.m. Mass in Founders Hall

6:30 & 9:30 p.m. The Reel Thing - Lost Boys, Alden Hall, WPI, \$1.50.

GAIN COMMUNICATIONS SKILLS WHILE SHOWING YOUR ENTHUSIASM FOR WPI!

BECOME AN ADMISSIONS TOUR GUIDE FOR THE ACADEMIC YEAR 1988-89!

If you're interested, stop by the Admissions Office (1st floor Boynton) and pick up a Tour Guide Application. Applications must be submitted by Friday, April 22, 1988.

Students eligible for work-study are given preference.

An audience is needed for



to be held on April 18th.

If interested, bring yourself down to Gompei's Place at 8:00 pm and join in with the laughter as we find out how much roommates really know about each other.

Sponsored by RHC

Police Log

Monday, April 4, 1988

12:32 p.m. — Call received regarding a possible larceny taking place in Harrington Auditorium, ROTC area. Sergeant and Officers respond and speak to victim and suspect responsible. Suspect placed under arrest for current and previous violations, transported to WPD for booking.

4:30 — report of a car accident in front of Daniels. Officer responds, no one injured.

8:15 — another report of a minor motor vehicle accident at entrance to Higgins House. Reports filed.

Wednesday, April 6, 1988

11:26 a.m. — Call received regarding an ill person in Alden. Caller reported that they had also summoned an ambulance. Sergeant and Officers respond. Subject transported to UMass.

3:35 — Call received from a neighbor of a WPI student, that someone had entered her apartment. Would be calling for escorts.

Thursday, April 7, 1988

12:30 a.m. — Disturbance at the corner of Dean and Institute Road called in. Officers respond; no one found upon arrival.

12:45 — Complaint of noise from Daniels. Unknown fraternity brothers yelling in front of Daniels, sent on their way.

11:47 — WPI officer reports observing a vehicle wanted by WPD. Information related to WPI. Vehicle was wanted for a hit-and-run accident.

A.A. Zamarro Realty Company

**Apartments Available!
Walking Distance to WPI.**

Locations: Institute Rd.,
Dean St.,
Lancaster St.,
Dover St.,
Elm St.

Types: Studio,
1,2,3 bedrooms,
starting at \$350-\$750,
full tiled bathrooms,
disposals,
clean building.

**Call Today - Won't Last
Pam 755-6789**

\$.50 OFF

of every record and tape
(with this coupon)

YOUR ALTERNATIVE SOURCE FOR NEW,
USED, AND IMPORTED LP'S, TAPES AND CD'S



ALBUM'S

438 Pleasant St., Wore. 798-3657

HOURS:
M, Tu 10-6
W, Th, F 10-9
Sat 10-8

What's Happening

Tuesday, April 12, 1988

11:00 a.m. Seminar: Development of the Area Rule and NASA Supercritical Airfoil, presented by Dr. Richard T. Whitcomb (a WPI alumnus). Higgins Labs Room 109.
11:30 - 1:30 p.m. Campus Ministry, Gathering in the Wedge
7:30 p.m. Cinematech Rosa Luxemburg (subtitle) is written and directed by Margarethe von Trotta with Barbara Sukowa in the main role. Alden Hall.
7:30 p.m. Lacrosse vs. Assumption College (H)

Wednesday, April 13, 1988

11:30 a.m. WPI Stage Band, Richard Falco, Director, Harrington Auditorium
12:00 p.m. Weekday Mass to be held at the Center.
9:00 p.m. The New Thing One Flew Over the Cuckoo's Nest, Gompei's Place \$1.00

Thursday, April 14, 1988

9:00 - 4:00 p.m. Wellness Day - Wedge
7:30 p.m. Folk Group meeting at the Center. We encourage both Males and Females to join our singing group.

Friday, April 15, 1988

9:00 p.m. "O-Positive", Gompei's Place

Saturday, April 16, 1988

7:30 p.m. Lacrosse vs. Clark University (H)

Sunday, April 17, 1988

11:30 a.m. Mass in Alden Hall
6:00 p.m. Mass in Founders Hall
6:30 & 9:30 p.m. The Reel Thing - Lost Boys, Alden Hall, WPI, \$1.50.

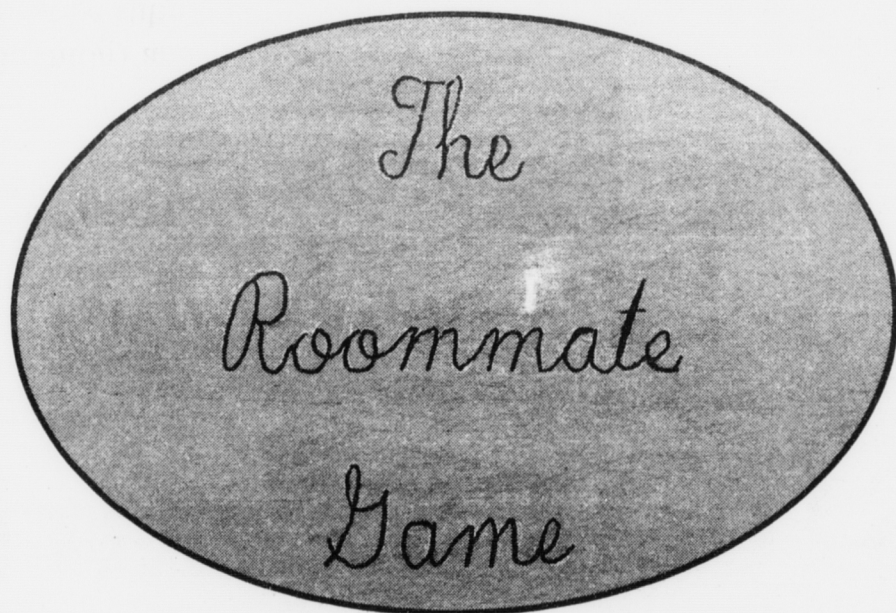
GAIN COMMUNICATIONS SKILLS WHILE SHOWING YOUR ENTHUSIASM FOR WPI!

BECOME AN ADMISSIONS TOUR GUIDE FOR THE ACADEMIC YEAR 1988-89!

If you're interested, stop by the Admissions Office (1st floor Boynton) and pick up a Tour Guide Application. Applications must be submitted by Friday, April 22, 1988.

Students eligible for work-study are given preference.

An audience is needed for



to be held on April 18th.
If interested, bring yourself down to Gompei's Place at 8:00 pm and join in with the laughter as we find out how much roommates really know about each other.

Sponsored by RHC

Police Log

Monday, April 4, 1988

12:32 p.m. — Call received regarding a possible larceny taking place in Harrington Auditorium, ROTC area. Sergeant and Officers respond and speak to victim and suspect responsible. Suspect placed under arrest for current and previous violations, transported to WPD for booking.
4:30 — report of a car accident in front of Daniels. Officer responds, no one injured.
8:15 — another report of a minor motor vehicle accident at entrance to Higgins House. Reports filed.

Wednesday, April 6, 1988

11:26 a.m. — Call received regarding an ill person in Alden. Caller reported that they had also summoned an ambulance. Sergeant and Officers respond. Subject transported to UMass.
3:35 — Call received from a neighbor of a WPI student, that someone had entered her apartment. Would be calling for escorts.

Thursday, April 7, 1988

12:30 a.m. — Disturbance at the corner of Dean and Institute Road called in. Officers respond; no one found upon arrival.
12:45 — Complaint of noise from Daniels. Unknown fraternity brothers yelling in front of Daniels, sent on their way.
11:47 — WPI officer reports observing a vehicle wanted by WPD. Information related to WPI. Vehicle was wanted for a hit-and-run accident.

A.A. Zamarro Realty Company

Apartments Available!
Walking Distance to WPI.

Locations: Institute Rd.,
Dean St.,
Lancaster St.,
Dover St.,
Elm St.

Types: Studio,
1,2,3 bedrooms,
starting at \$350-\$750,
full tiled bathrooms,
disposals,
clean building.

Call Today - Won't Last
Pam 755-6789

\$.50 OFF

of every record and tape
with this coupon

YOUR ALTERNATIVE SOURCE FOR NEW,
USED, AND IMPORTED LP'S, TAPES AND CD'S



ALBUM'S

438 Pleasant St., Wisc. 798-3657

HOURS:
M, Tu 10-6
W, Th, F 10-9
Sat 10-8